

Room Air Conditioner

SERVICE MANUAL

CAUTION

-BEFORE SERVICING THE UNIT, READ THE SAFETY PRECAUTIONS IN THIS MANUAL.

-ONLY FOR AUTHORIZED SERVICE.

W081CA sg2 W182CA TSN0

MODEL: W091CA TSG0 W182CM TSN0

W092CA TSG0 W182CMH TSN1 **W121CA** TSC2 W242CA TSN0

W122CM TSC0 W242CM TSN0

W121CM sc2 W081CM TsG2

W121CMH sc3 W121CMH sc3

W122CM sco W242CMTSN2

W122CMH sc1 W242CA TSN2

W121CM SC4



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1. PREFACE

This SERVICE MANUAL provides various service information, including the medianical and electrical parts etc. This room air conditioner was manufactured and assembled under a smich quality control system. The refrigerant is charged at the factory. Be sure to read the safety precautions prior to servicing the unit.

1.1 SAFETY PRECAUTIONS

- 1. When servicing the unit, set the ROTARY SWITCH or POWER SWITCH to OFF and unplug the power cord.
- 2. Observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 3. After servicing the unit, make an insulation resistance test to protect the customer from being exposed to shock hazards.

- 1. Unplug the power cord and connect a jumper between 2 pins (black and water)
- 2. The grounding conductor (green) is to be open.
- 3. Measure the resistance walke with an ohm meter between the jumpered lead and each exposed metallic part on the equipment at all (except OFF) of the ROTARY SWITCH. Orint-drives.
- 4. The value should be over 1MΩ.



	MODEL	VMR1CA con	WORLOW TSG2	W121 CM sc2 W121 CM sc4	MO10VH co
ITEM		VUOTCA SE	WOOTOM. 1302	VVIZICIVISCE WIZICM SC4	VIZIUMI SS
POMER SUPPLY			10, 1°	15V, 60Hz	
COOLI NG CAPACI TY	(Bt u/h)	8	000	12	000
INPUT	(Vy	8	320	1200	1100
FLINI NG CL PPE NT	(A)	7	⁷ . 6	11	10. 2
EER	(BTU'Wh)		9. 8		10. 8
OPERATI NG	INDOOR(°C)		26. 7(DE	3), 19.4(WB)	
COVDITION	CUTTCOOF(°C)		35(DB)	, 23. 9(VB)	
PETRI CETANT(P. 22)	CHARGE	260g(9. 2oz)	375g(13.2oz)	505g(17.8oz)
EVAPORATOR		2R 14	4STACKS	2R 16STACKS	2R 13STACKS
CONDENSER		2R 16STACKS 2R 17STA			
FAN, I NDOOR		TUPBO			
FAN, CUTDOOR		PROF	PELLER TYPE FA	AN WITH SLINGE	R FING
FAN SPEEDS, FAN O	201 NG	2	2/3	3/	3
FAN MOTOR			6	POLES	
OPERATII ON CONTRO	<u>_</u>	ROTARY SWIT	TCH C	PEMOTE CC	NTROLLER
ROOM TEMP, CONTRO	<u>_</u>	THERMOSTAT		THERM	ISTOR
AIR DIRECTION				MER(FI CHT&LEFT	
				LOUMER UP&DOM	
CONSTRUCTI ON				OUT CHASSIS	
PROTECTOR	COMPRESSOR			D PROTECTOR	
TTELEGICT	FAN MOTOR			FIMAL PROTECTO	٦
POMER O	OFD.	(3 WOPE WITH CHOUNDING)			
		ATTACHMENT PLUG (COPT) CONNECTED TYPE)			
DRAIN SYSTEM				ASHED BY FAN S	
NET WEIGHT	(I bs/ kg)		32. 2	82/3	
Onla ded weva ov	(inch)			23 5/8" × 143 1/3	
(W×H×D)	(mm)	470×3	353×525	600×380)×567

^{*} DB:Dry Bulb



^{**} WB:Wet Bulb

LTM	MODEL	W1220M S00	W122OMH SCI	
POWER SUPPLY		10 000V coLb		
COOLING CAPACITY	/ Dt u/b)	10, 220V, 60Hz 12 000		
I NPUT	(W	1220	1110	
PLAN NG CUPPENT	(A)	5. 5	5. 1	
	BTU Wh)	9. 8	10.8	
OPERATI NG	INDOOP(°C)	26. 7(DB) ,		
CONDITION	OUTDOOR(°C)	35(DB) , 2		
REFRI CERANT(R. 22)		395g(13. 9oz)	495g(17. 5oz)	
EVAPORATOR			STACKS	
CONDENSER		2R 18STACKS	2R 17STACKS	
FAN I NDOOR		ΤU	PBO	
FAN, OUTDOOR		PROPELLER TYPE FAN WITH SLI NO ER FI NG		
FAN SPEEDS, FAN CC	DLI NG	3/	′3	
FAN MOTOR		6 P	OLES	
OPERATII ON CONTROL		PEVOTE 0	ONTROLLER	
POOM TEMP, CONTROL		THEEN	A STOR	
AIR DIRECTI		VERTI CAL LOUMER(PI CHT&LEFT)		
	O WII D	HOFI ZONTAL LOUMER(UP&DOMM)		
CONSTRUCTI ON		SLIDE IN C	SLIDE IN OUT CHASSIS	
PROTECTOR	COMPTESSOR	OMETLOAD.	PROTECTOR	
TIBILDIGI	FAN MOTOR	INTERVAL THERMAL PROTECTOR		
POWER	men	(3 WOPE WITH CPOUNDING)		
I CALL		ATTACHMENT PLUG (COPD CONNECTED TYPE)		
DRAIN SYSTEM			SHED BY FAN SLINGER	
NET WEIGHT	(l bs/ kg)		37. 2	
COLLEG DEED! WEAR! COM	(inch)		31/32" × 22 5/16"	
(W× H× D)	(mm)	600 × 3	380 × 567	

^{*} DB:Dry Bulb



^{**}WB:Wet Bulb

	MODEL	W091CA.TSG0	W092CA.TSG0	W121CA.TSC2	W122CA.TSC0		
ITEM							
POWER SUPPLY					1Ф,220V,60Hz		
COOLING CAPACITY (Btu/h)		9000			000		
INPUT	(W)		00		220		
RUNNING CURRENT	(A)	9.2	4.3	11	5.5		
E.E.R	(Btu/W.h)	(9	9	.8		
OPERATING	INDOOR (℃)		26.7(DB),	19.4(WB)			
CONDITION	OUTDOOR (℃)		35.0(DB)	,23.9(WB)			
REFIGERANT(R-22) CHAF	RGE	350g(12.3oz)	365g(12.9)	375g(13.2)	395g(13.9)		
EVAPORATOR		2R 12S	TACKS	2R 16STACKS	2R 13STACKS		
CONDENSER		2R 16STACKS	1R 16STACKS	2R 18S	STACKS		
FAN,INDOOR			TURBO				
FAN,OUTDOOR		PROPELLER TYPE FAN WITH SLINGER-ING			IGER-ING		
FAN,SPEEDS,FAN/COOL	PEEDS,FAN/COOLING 2/3		3/3				
FAN MOTOR			6 PC	DLES			
OPERATION CONTROL			ROTARY	SWITCH			
ROOM TEMP,CONTROL			THERM	OSTAT			
AIR DIRECTION C	ONTROL	VEF	RTICAL LOUV	ER (RIGHT&LE	EFT)		
AIR DIRECTION C	ONTROL	HOF	RIZONTAL LOI	JVER (UP&DC	WN)		
CONSTRUCTION			SLIDE IN-OU	JT CHASSIS			
PROTECTOR	COMPRESSOR	OVERLOAD PROTECTOR					
PROTECTOR	FAN MOTOR	INTE	ERNAL THER	MAL PROTEC	TOR		
DOWED OF	NDD.	(3 WORE WITH GROUNDING)					
POWER CORD		ATTACHMENT PLUG (CORD-CONNECTED TYPE)					
DRAIN SYSTEM		DRAIN PIPE OR SPLASHED BY EAN SLINGER					
NET WEIGHT	(1bs/kg)		32.2		37.2		
OUT SIDE	(inch)	181/2"×137	/8"×2011/16"		1/32::×225/16"		
DIMENSION(W*H*D)	(mm)	470×3	53×525	S 600 × 3	80×36		
	, ,			<u> </u>			

*DB:Dry Bulb
*WB:Wet Bulb



	MODEL	W0182CA.TSN0	W182CM.TSN0	W242CA.TSN0	
ITEM		W242CA.TSN2 W242CM.TSN2			
POWER SUPPLY			·	0V,60Hz	
COOLING CAPACITY	(Btu/h)		000		000
INPUT	(W)		50		20
RUNNING CURRENT	(A)	8.6		12	2.9
E.E.R	(Btu/W.h)	9.	.7	8	.5
OPERATING	INDOOR (℃)		26.7(DB),	19.4(WB)	
CONDITION	OUTDOOR (℃)		35.0(DB)	,23.9(WB)	
REFIGERANT(R-22) CHAI	RGE	720g(25.4oz) 830g(29.3oz)			
EVAPORATOR		2R 15STACKS 2R 16STACKS 2R 13STA		2R 13STACKS	
CONDENSER		2R 16STACKS	1R 16STACKS	2R 18S	TACKS
FAN,INDOOR		TURBO			
FAN,OUTDOOR		AXIAL			
FAN,SPEEDS,FAN/COOL	ING	2/3 3/3		/3	
FAN MOTOR		6 POLES			
OPERATION CONTROL			ROTARY	SWITCH	
ROOM TEMP, CONTROL			THERM	IOSTAT	
AIR DIRECTION O	ONTROL	VEF	RTICAL LOUV	ER (RIGHT&LE	FT)
AIN DIRECTION C	ONTROL	HOR	RIZONTAL LOU	JVER (UP&DO	WN)
CONSTRUCTION			SLIDE IN-OU	JT CHASSIS	
PROTECTOR	COMPRESSOR	INTERNAL OVERLOAD PROTECTOR			TOR
PROTECTOR	FAN MOTOR	INTERNAL THERMAL PROTECTOR			
POWER CORD		(3 WORE WITH GROUNDING)			
		ATTACHMENT PLUG (CORD-CONNECTED TYPE)			
DRAIN SYSTEM		DRAIN PIPE OR SPLASI		HED BY FAN	S <u>I.</u> INGER
NET WEIGHT	(1bs/kg)	65/2	29.5	67/5	30.4
OUT SIDE	(inch)		26×1627/3	2"×305/16"	
DIMENSION(W*H*D)	(mm)		60 <u>0</u> ×42	28×17(8)	

*DB:Dry Bulb
*WB:Wet Bulb



	MODEL		
ITEM		W182CMH	
		1E 000V 00U-	
POWER SUPPLY			
COOLING CAPACIT	` ,	17 800	
INPUT	(W)	1 660	
RUNNING CURRENT (A)		7.4	
OPERATING	INDOOR (℃)	26.7(DB) ,19.4(WB)	
CONDITION	OUTDOOR (°C)	35.0(DB) ,23.9(WB)	
REFIGERANT(R-22)	CHARGE	7800g(27.5oz)	
EVAPORATOR		P9.52 3R 15C	
CONDENSER		P9.52 2R 16C	
FAN,INDOOR		TURBO	
FAN,OUTDOOR		PROPELLER TYPE FAN WITH SLINGER-RING	
FAN,SPEEDS,FAN/COOLING 2/3		2/3	
FAN MOTOR	AN MOTOR 6 POLES		
OPERATION CONTR	ROL	REMOTE	
ROOM TEMP,CONT	ROL	THERMISTOR	
AIR DIRECTION	CONTROL	VERTICAL LOUVER (RIGHT&LEFT)	
AIII DIIILOTION	OOMINGE	HORIZONTAL LOUVER (UP&DOWN)	
CONSTRUCTION		SLIDE IN-OUT CHASSIS	
PROTECTOR	COMPRESSOR	INTERNAL OVERLOAD PROTECTOR	
PROTECTOR	FAN MOTOR	INTERNAL THERMAL PROTECTOR	
DOWED C	OPD	(3 WORE WITH GROUNDING)	
POWER CORD		ATTACHMENT PLUG (CORD-CONNECTED TYPE)	
DRAIN SYSTEM		DRAIN PIPE OR SPLASHED BY FAN SLINGER	
NET WEIGHT	(1bs/kg)	130/60	
OUT SIDE	(inch)	26 x 16 27/32 x 30 5/16	
DIMENSION(W*H*D)	(mm)	660×428×770	

*DB:Dry Bulb
*WB:Wet Bulb



1.4 FEATURES

- Designed for COOLING ONLY.
- · Powerful and whispering cooling.
- Slide-in and slide-out chassis for the simple installation and service.
- Side air-intake, side cooled-air discharge.

1.5 CONTROL LOCATIONS

1.5.1 COOLING ONLY MODEL

VENTILATION

The ventilation lever must be in the CLOSE position in order to maintain the best cooling conditions.

When a fresh air is necessary in the room, set the ventilation lever OPEN position.

The damper is opened and room air is exhausted.

THERMOSTAT

Thermostat will automatically control the temperature of the room. Select a higher number for a cooler temperature in the room. The temperature is selected by positioning the knob to the desired position.

The 5 or 6 position is a normal setting for average conditions.

OPERATION

Off - Turns air conditioner off.

Med Fan - Med speed fan operation without cooling.

Low Fan - Low speed fan operation without cooling.

High Cool - Cooling with high speed fan operation.

Med Cool - Cooling with med speed fan operation.

Low Cool - Cooling with low speed fan operation.

OPERATION

Off (O): Turns the air conditioner off.

Low Fan (⊕):Permits the low fan speed operation

without cooling (heating).

Low Cool (*):Permits cooling with the low fan speed operation.

High Cool (≱):Permits cooling with the high fan

speed operation.

Low Heat (🌣) :Permits heating with the low fan speed operation.

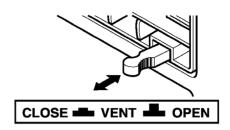
High Heat (戊): Permits heating with the high fan speed operation.

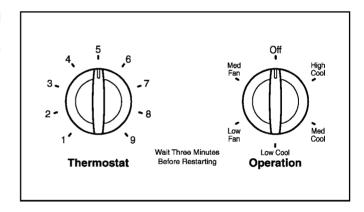
• Auto Swing (For R1403/WR1210)

On: Air Swing is operated while operation knob is set to the Cool position

Off: Stops the operation of air swing.

- Built-in adjustable THERMOSTAT
- Washable one-touch filter
- Compact size
- Reliable and efficient rotary compressor is equipped.







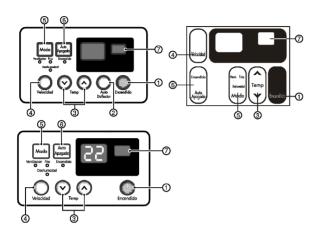
A slight heat odor may come from the unit when first switching to HEAV afterward cooling section is over.

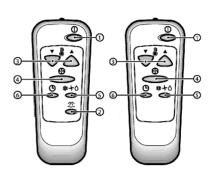
This odor, caused by fine dust particles on the heater, will disappear suickly.

1.5.2 COOLING ONLY MODEL WITH REMOTE CONTROL AND TOUCH TYPE

DISPLAY

REMOTE CONTROL





VERSION

Precaution: The Remote Control unit will not function properly if strong light strikes the sensor window of the air conditioner or if there are obstacles between the Remote Control unit and the air conditioner.

POWER BUTTON

To turn the air conditioner ON, push the button. To turn the air conditioner OFF, push the button again. This button takes priority over any other buttons.

OPERATION MODE SELECTION BUTTON

Every time you push this button, it will toggle COOL, FAN and DRY.

ON/OFF TIMER BUTTON

Everytime you push this betton, timer is set as follows.(1Hours →2Hours→3Hours→4Hours→5Hours→6Hours→6Hours→ 7Hours→ 8Hours→ 9Hours→ 10Hours→ 11Hours→ 12Hours→ Cancel)

FAN SPEED SELECTOR

Everytime you push this button, it is set as follows. (High $[F3] \rightarrow Low[F] \rightarrow Med[F2] \rightarrow High[F3]...$)

ROOM TEMPERATURE SETTING BUTTON

This button can automatically control the temperature of the room. The temperature can be set within a range of 16°C to 30°C by 1°C or within a range of 60 Select the lower number for lower temperature of the room.

6 ENERGY SAVER

The fan stops when the compressor stops cooling.

Approximately every 3 minutes the fan will tern on and check the room air to determine

This button can automatically control the air flow direction.

SLEEP MODE BUTTON

Press the sleep mode button to set the time you want the unit to turn off automatically. The timer is programmed in one hour increment by pressing the button. Every time you push this button, the remaining time will be set as follows. (1Hour → 2Hours → 3Hours → 4Hours → 5Hours → 6Hours → 7Hours → 0Hour → 1Hour→ 2Hours→...

**Note: The Sleep Mode will be operated at low fan speed for quiet sleeping. The remperature of the sleeping of the sleeping of the sleeping of the sleeping of the sleeping.

over the next 30 minutes and by 2°C in 1 hour for comfortble sleeping. 2 VAIENWANNO

9 REMOCON SIGNAL RECEIVER



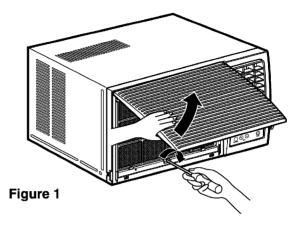
2. DISASSEMBLY INSTRUCTIONS

— Before the following disassembly, POWER SWITCH set to OFF and disconnect the power cord.

2.1 MECHANICAL PARTS

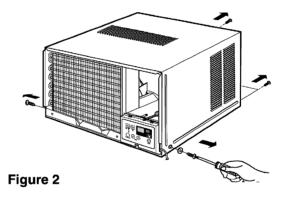
2.1.1 FRONT GRILLE

- 1. Open the Inlet grille upward.
- 2. Remove the screw which fastens the front grille.
- 3. Pull the front grille from the right side.
- 4. Remove the front grille.
- 5. Re-install the component by referring to the removal procedure, above. (See Figure 1)



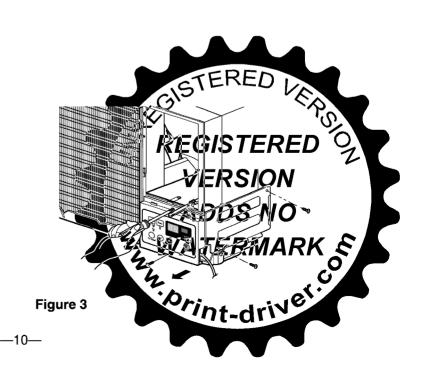
2.1.2 CABINET

- After disassembling the FRONT GRILLE, remove the 2 screws which fasten the cabinet at both sides.
- 2. Remove the 2 screws which fasten the cabinet at back.
- 3. Pull the base pan forward. (See Figure 2)
- 4. Remove the cabinet.
- 5. Re-install the component by referring to the removal procedure, above.



2.1.3 CONTROL BOX

- 1. Remove the front grille. (Refer to section 2.1.1)
- 2. Remove the cabinet. (Refer to section 2.1.2)
- 3. Remove the 2 screws which fasten the control box cover.
- 4. Remove two housings which connect compressor wire and motor wire in the control box.
- 5. Discharge the capacitor by placing a 20,000 ohmresistor across the capacitor terminals.
- 6. Remove the 2 screws which fasten the control box.
- 7. Pull the control box forward completely.
- Re-install the components by referring to the removal procedure, above. (See Figure 3) (Refer to the circuit diagram found on pages 29~30 in this manual and on the control box.)



2.2 AIR HANDLING PARTS

2.2.1 AIR GUIDE AND BLOWER

- 1. Remove the front grille. (Refer to section 2.1.1)
- 2. Remove the cabinet. (Refer to section 2.1.2)
- 3. Remove the control box. (Refer to section 2.1.3)
- 4. Remove the 4 screws which fasten the brace.
- 5. Remove the brace.
- 6. Remove the 2 screws which fasten the evaporator.
- 7. Move the evaporator forward and pulling it upward slightly. (See Figure 4)
- 8. Move the evaporator to the left carefully.
- 9. Pull out the hook of orifice by pushing the tabs and remove it. (See Figure 5)
- 10. Remove the clamp with a hand plier which secures the blower.
- 11. Remove the blower.
- 12. Remove the 4 screws which fasten the air guide from the barrier.
- 13. Move the air guide backward, pulling out from the base pan.
- 14. Re-install the components by referring to the removal procedure, above.

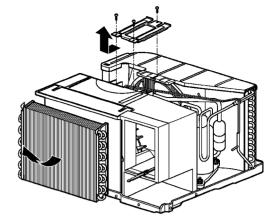
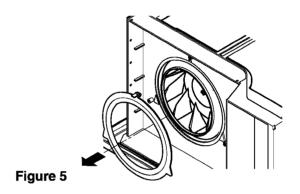
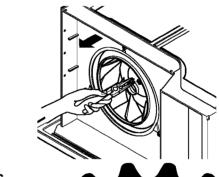
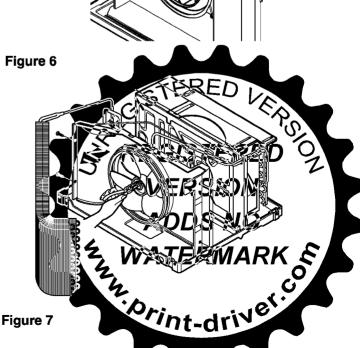


Figure 4







2.2.2 FAN

- 1. Remove the cabinet. (Refer to section 2.1.2)
- 2. Remove the brace (Refer to section 2.2.1)
- 3. Remove the 5 screws which fasten the condenser.
- 4. Move the condenser to the left carefully.
- 5. Remove the clamp which secures the fan.
- 6. Remove the fan. (See Figure 7)
- 7. Re-install by referring to the removal procedure.

2.2.3 SHROUD

- 1. Remove the fan. (Refer to section 2.2.2)
- 2. Remove the screw which fastens the shroud.
- 3. Remove the shroud. (See Figure 8)
- 4. Re-install the component by referring to the removal procedure, above.

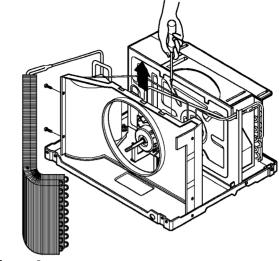


Figure 8

2.3 ELECTRICAL PARTS

2.3.1 OVERLOAD PROTECTOR

- 1. Remove the cabinet. (Refer to section 2.1.2)
- 2. Remove the nut which fastens the terminal cover.
- 3. Remove the terminal cover. (See Figure 9)
- 4. Remove all the leads from the overload protector.
- 5. Remove the overload protector.
- 6. Re-install the component by referring to the removal procedure, above.

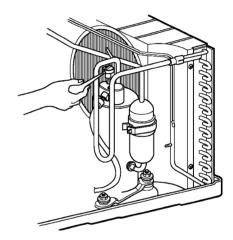


Figure 9

2.3.2 COMPRESSOR

- 1. Remove the cabinet. (Refer to section 2.1.2)
- Discharge the refrigerant system using a Freon™ Recovery System.
 - If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the Freon™. Leave the valve in place after servicing the system.
- 3. Remove the overload protector. (Refer to section 2.3.1)
- After purging the unit completely, unbraze the suction and discharge tubes at the compressor connections.
- 5. Remove the 3 nuts and the 3 washers which fasten the compressor.
- 6. Remove the compressor. (See Figure 10)
- 7. Re-install the components by referring to the removal procedure, above.



2.3.3 CAPACITOR

- 1. Remove the control box. (Refer to section 2.1.3)
- 2. Remove the knobs and the screw which fasten control panel from control box.
- 3. Remove the screw which located in the front.
- 4. Open the bottom side of control box.
- 5. Remove the screw and the clamp which fastens the capacitor.
- 6. Disconnect all the leads of capacitor terminals.
- 7. Re-install the components by referring to the removal procedure, above. (See Figure 11)

2.3.4 POWER CORD

- 1. Remove the control box. (Refer to section 2.1.3)
- 2. Open the control box. (Refer to section 2.3.3)
- 3. Disconnect the grounding screw from the control box.
- 4. Disconnect the 2 receptacles.
- 5. Remove a screw which fastens the clip cord. (See Figure 12)
- 6. Remove the power cord.
- Re-install the component by referring to the above removal procedure, above.
 (Use only one ground-marked hole for ground connection.)
- If the supply cord of this appliance is damaged, it must be replaced by the special cord. (The special cord means the cord which has the same specification marked on the supply cord attached at the unit.)

2.3.5 THERMOSTAT

- 1. Remove the control box. (Refer to section 2.1.3)
- 2. Open the control box. (Refer to section 2.3.3)
- 3. Remove the 2 screws which fasten the thermostat.
- 4. Disconnect 2 leads of thermostat terminals.
- 5. Remove the thermostat.
- 6. Re-install the components by refereing to the above removal procedure. (See Figure 13)

2.3.6 ROTARY SWITCH

- 1. Remove the control box. (Refer to section 2.1.3)
- 2. Open the control box. (Refer to section 2.3.3)
- 3. Remove the 2 screws which fasten the rotary switch.
- 4. Disconnect all the leads of the rotary switch terminals.
- 5. Remove the rotary switch.
- 6. Re-install the components by referring to the above removal procedure. (See Figure 14)

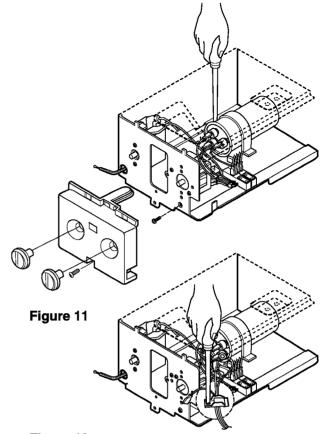
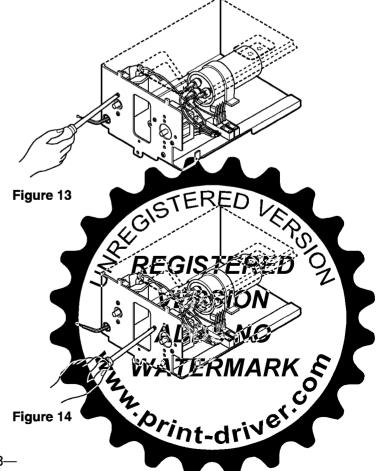


Figure 12



2.3.7 MOTOR

- 1. Remove the cabinet. (Refer to section 2.1.2)
- 2. Remove the evaporator. (Refer to section 2.2.1)
- 3. Remove the orifice. (Refer to section 2.2.1)
- 4. Remove the blower. (Refer to section 2.2.1)
- 5. Remove the fan. (Refer to section 2.2.2)
- 6. Remove the control box cover and disconnect 5 or 4 wires of motor housing. (Refer to section 2.1.3)
- 7. Remove the 2 or 4 screws which fasten the motor from the mount motor. (See Figure 15)
- 8. Remove the motor.
- 9. Re-install the components by referring to the removal procedure, above. (See Figure 15)



CAUTION

Discharge the refrigerant system using a Freon™ Recovery System.

If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the Freon™. Leave the valve in place after servicing the system.

2.4.1 CONDENSER

- 1. Remove the cabinet. (Refer to section 2.1.2)
- 2. Remove the 4 screws which fasten the brace.(Refer to section 2.2.1)
- Remove the 5 screws which fasten the condenser and shroud.
- 4. After discharging the refrigerant completely, unbraze the interconnecting tube at the condenser connections.
- 5. Remove the condenser.
- 6. Re-install the component by referring to notes. (See Figure 16)

2.4.2 EVAPORATOR

- 1. Remove the cabinet. (Refer to section 2.1.2)
- 2. Remove the 2 screws which fasten the evaporator.
- 3. Move the evaporator sideways carefully. (Refer to section 2.2.1)
- 4. After discharging the refrigerant completely, unbraze the interconnecting tube at the evaporator connections.
- 5. Remove the evaporator.
- 6. Re-install the component by referring to notes. (See Figure 17)

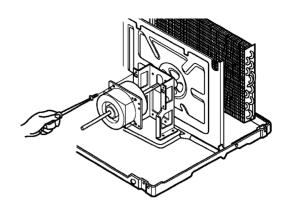


Figure 15

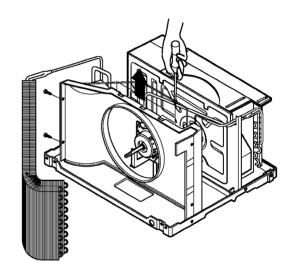


Figure 16



2.4.3 CAPILLARY TUBE

- 1. Remove the cabinet. (Refer to section 2.1.2)
- After discharging the refrigerant completely, unbraze the interconnecting tube at the capillary tube.(See caution above)
- 3. Remove the capillary tube.
- 4. Re-install the component by referring to notes.

NOTES

- Replacement of the refrigeration cycle.
- When replacing the refrigeration cycle, be sure to Discharge the refrigerant system using a Freon™ recovery System.
 - If there is no valve to attach the recovery system, install one (such as a WATCO A-1) before venting the Freon™. Leave the valve in place after servicing the system.
- After discharging the unit completely, remove the desired component, and unbraze the pinch-off tubes.
- 3. Solder service valves into the pinch-off tube ports, leaving the valves open.
- 4. Solder the pinch-off tubes with Service valves.
- 5. Evacuate as follows.
 - 1) Connect the vacuum pump, as illustrated figure 18A.
 - 2) Start the vacuum pump, slowly open manifold valves A and B with two full turns counterclockwise and leave the valves open. The vacuum pump is now pulling through valves A and B up to valve C by means of the manifold and entire system.

CAUTION

If high vacuum equipment is used, just crack valves A and B for a few minutes, then open slowly with the two full turns counterclockwise. This will keep oil from foaming and being drawn into the vacuum pump.

- 3) Operate the vacuum pump for 20 to 30 minutes, until 600 microns of vaccum is obtained. Close valves A and B, and observe vacuum gauge for a few minutes. A rise in pressure would indicate a possible leak or moisture remaining in the system. With valves A and B closed, stop the vacuum pump.
- 4) Remove the hose from the vacuum pump and place it on the charging cylinder. See figure 18B.

Open valve C.

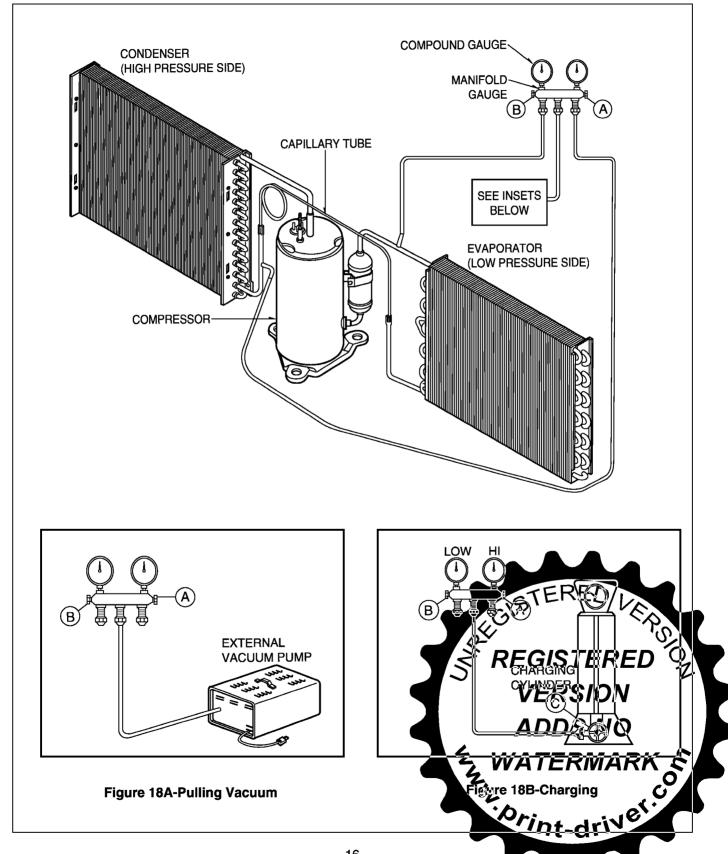
- Discharge the line at the manifold connection.
- 5) The system is now ready for final charging.

- 6. Recharge as follows:
 - Refrigeration cycle systems are charged from the High-side. If the total charge cannot be put in the High-side, the balance will be put in the suction line through the access valve which you installed as the system was opened.
 - 2) Connect the charging cylinder as shown in figure 18B.

 With yolks Connecting the base of the
 - With valve C open, discharge the hose at the manifold connection.
 - 3) Open valve A and allow the proper charge to enter the system. Valve B is still closed.
 - 4) If more charge is required, the high-side will not take it. Close valve A.
 - 5) With the unit running, open valve B and add the balance of the charge.
 - a. Do not add the liquid refrigerant to the Lowside.
 - b. Watch the Low-side gauge; allow pressure to rise to 30 lbs.
 - c. Turn off valve B and allow pressure to drop.
 - d. Repeat steps b. and c. until the balance of the charge is in the system.
 - 6) When satisfied the unit is operating correctly, use the pinch-off tool with the unit still running and clamp on to the pinch-off tube. Using a tube cutter, cut the pinch-off tube about 2 inches from the pinch-off tool. Use silfes solder and solder pinch-off tube closed. Turn off the unit, allow it to set for a while, and income the leakage of the pinch-off connection.



Equipment needed: Vacuum pump, Charging cylinder, Manifold gauge, Brazing equipment. Pin-off tool capable of making a vapor-proof seal, Leak detector, Tubing cutter, Hand Tools to remove components, Service valve.



3. INSTALLATION

3.1 SELECT THE BEST LOCATION

- 1.To prevent vibration and noise, make sure the unit is installed securely and firmly.
- 2.Install the unit where the sunlight does not shine directly on the unit.
- 3.The outside of the cabinet must extend outward for at least 12" and there should be no obstacles, such as a fence or wall, within 20" from the back of the cabinet because it will prevent heat radiation of the condenser.

Restriction of outside air will greatly reduce the cooling efficiency of the air conditioner.

CAUTION

All side louvers of the cabinet must remain exposed to the outside of the structure.

- 4.Install the unit a little slanted so the back is slightly lower than the front (about 1/2"). This will help force con-densed water to the outside.
- 5.Install the unit from the bottom about 30"~60" above the floor level.



The setting conditions must be checked prior to initial starting.

The undermentioned items are especially important checking points when the installation is finished.

- Grounding wire (Green or Green and Yellow) is provided in the power cord. The green wire must be grounded.
- 2. Connect to a single-outlet 15A circuit. (or 20A circuit for Electric Heater Model)
- 3. To avoid vibration or noise, make sure the air conditioner is installed securely.
- 4 Avoid placing furniture or draperies in front of the air inlet and outlet.

3.3. HOW TO DRAIN (When using drain pipe)

The air conditioner must be installed horizontally or tilted slightly to the outside for proper water drainage.

On exceptionally hot and humid days the air conditioner may overflow conclensed water. If the air conditioner is used in hot and a high humidity zone, exchange the ① HOLE RUBBER for the ② DRAIN PIPE.(See figure 20, figure 21.)

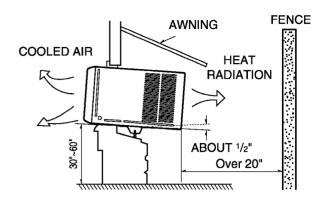
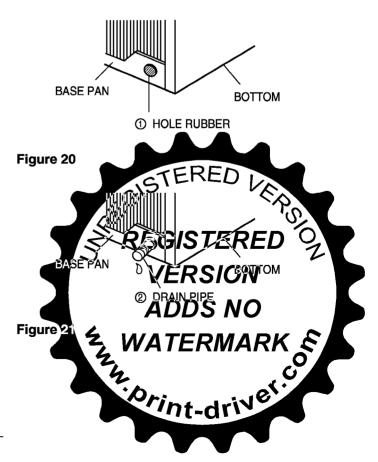


Figure 19



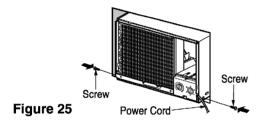
3.4 HOW TO INSTALL SUGGESTED TOOL REQUIREMENTS

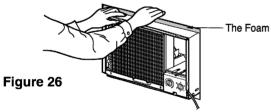
SCREWDRIVER(+, -), RULLER, KNIFE, HAMMER, PENCIL, LEVEL

PREPARATION OF CHASSIS

- 1. Before installing the room air conditioner, please install the knob. (If it is not fixed on the unit.)
- 2. Remove the screws which fasten the cabinet at both sides and at the back.
- 3. Slide the unit from the cabinet by gripping the base pan handle and pulling forward while bracing the cabinet.
- 4. Slide the air conditioner into the case. Reinstall the 2 screws removed earlier on each side of the case.

CAUTION: The power cord must be connected to an independent circuit. The green wire must be grounded.

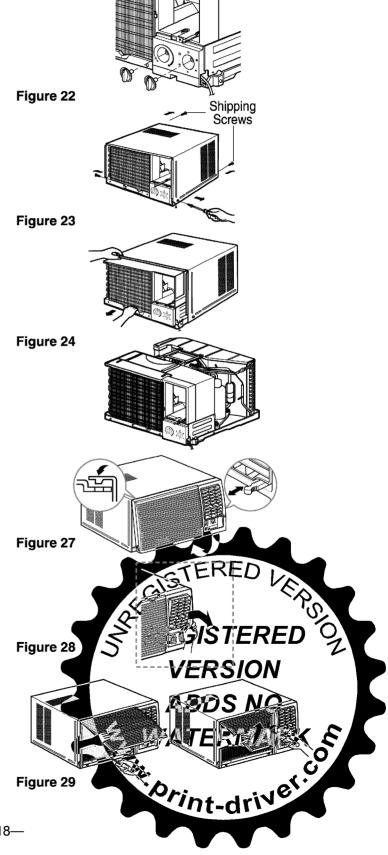




- 5. Stuff the foam between the top of the unit and the wall to prevent air and insects from getting into the room.
- 6. Attach the front grille to the case by inserting the tabs on the grille into the slots on the front of the case. Push the grille in until it snaps into place.

When you detach the front grille from the case, push the grille to your right side and pull it toward

7. Lift the inlet grill and secure the front grille with a screw. Lower the inlet grille into place. (In case of some models, you can secure the front grille from the right side or lower side.)



3.5 HOW TO USE THE REVERSIBLE INLET GRILLE

 If you want to pull out the filter upward, open the inlet grille slightly. Turn inside out the front grille. Disassemble the inlet grille from the front grille with separating the hinged part by inserting a "—" type screw-driver tip.

Rotate the inlet grille 180 degrees and insert the hooks into the lower holes of front grille.
Then, insert the filter (See Figure 30, 31)

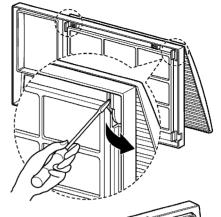


Figure 30

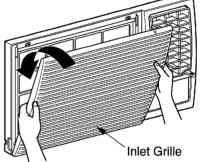


Figure 31

- 2. Attach the front grille to the cabinet by inserting the tabs on the grille into the tabs on the front of the cabinet. Push the grille in until it snaps into place. (See Figue 32)
- Lift the inlet grille and secure it with a type A screw through the front grille. (See Figure 33)
- If you want to pull out the filter downward, use the reversible inlet grille without change.
 (The grille is already assembled for that way.)

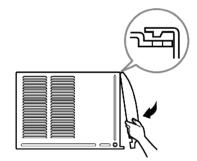
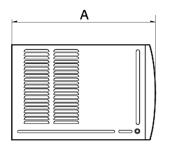


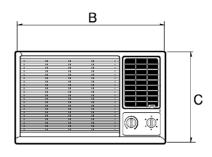
Figure 32



4. TROUBLESHOOTING GUIDE

4.1 OUTSIDE DIMENSIONS





unit: mm(inch)

Chassis	Α	В	С
WG	525	470	353
WC	567	600	380
WN	770	660	428

4.2 PIPING SYSTEM

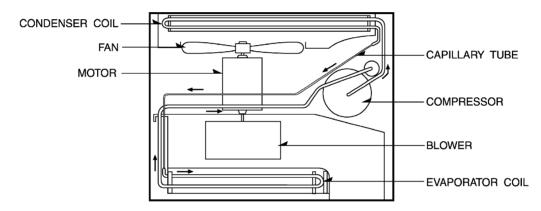
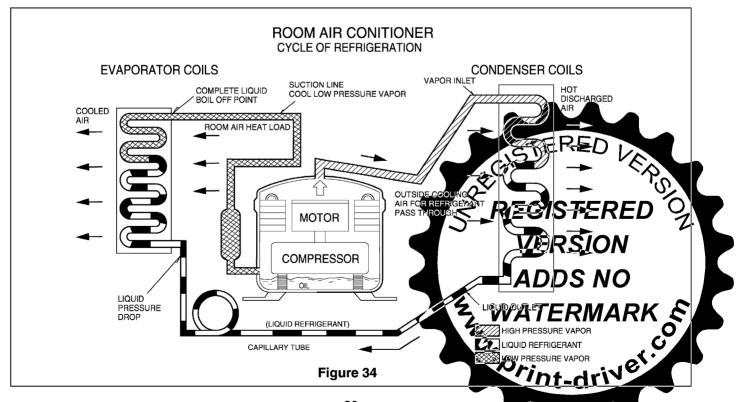


Figure 34 is a brief description of the important components and their function in what is called the refrigeration system. This will help you to understand the refrigeration cycle and the flow of the refrigerant in the cooling cycle.

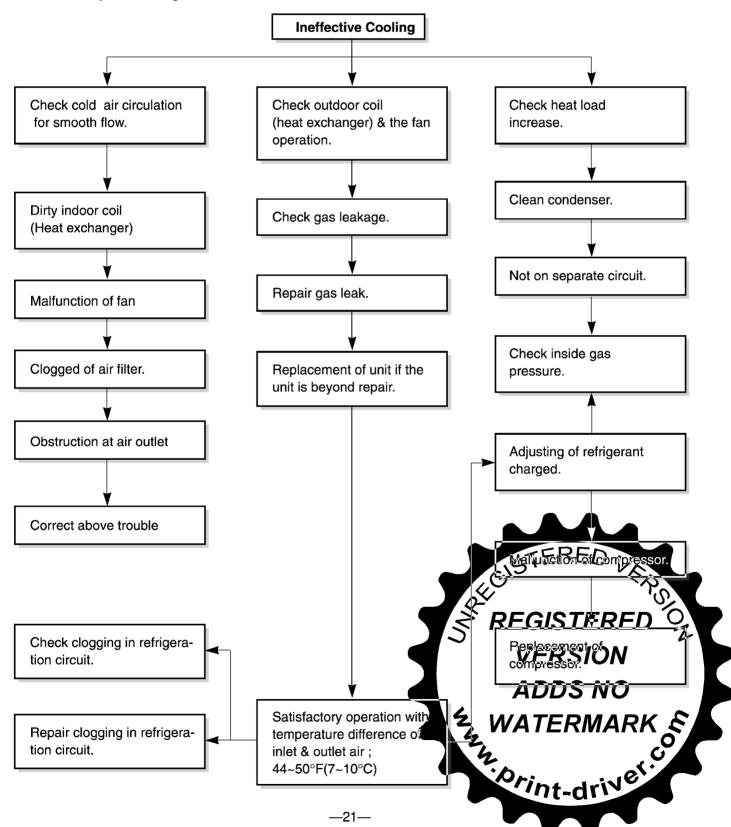


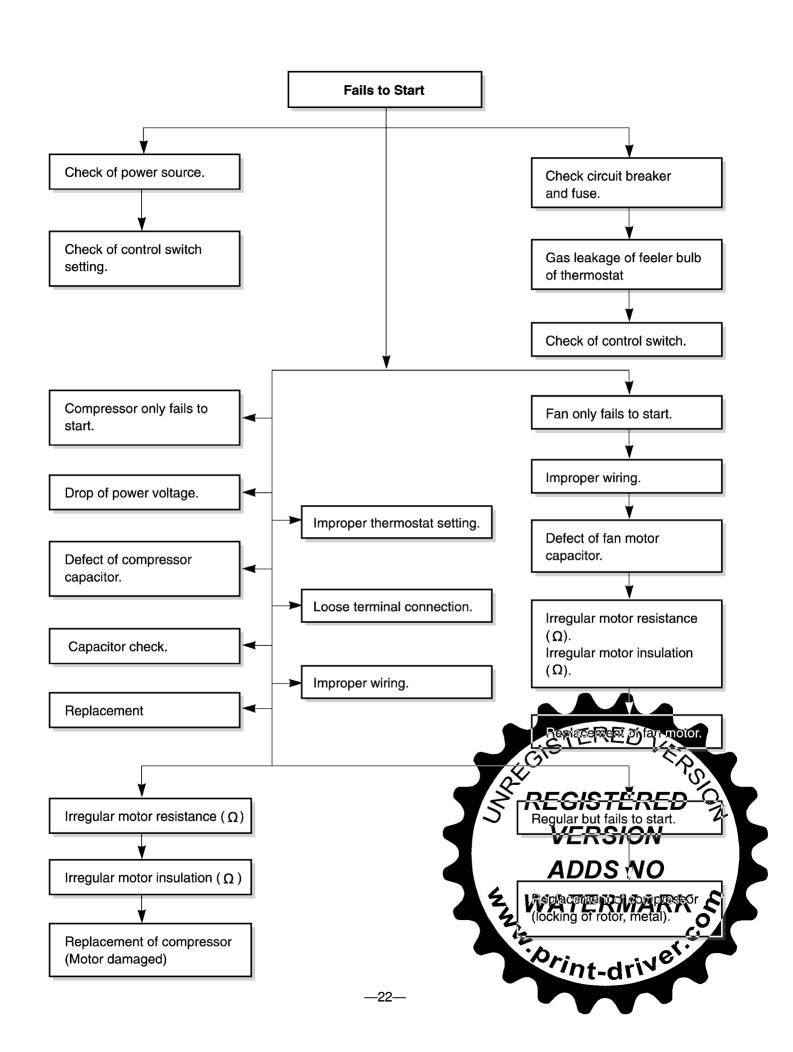
4.3 TROUBLESHOOTING GUIDE

In general, possible trouble is classified in two kinds.

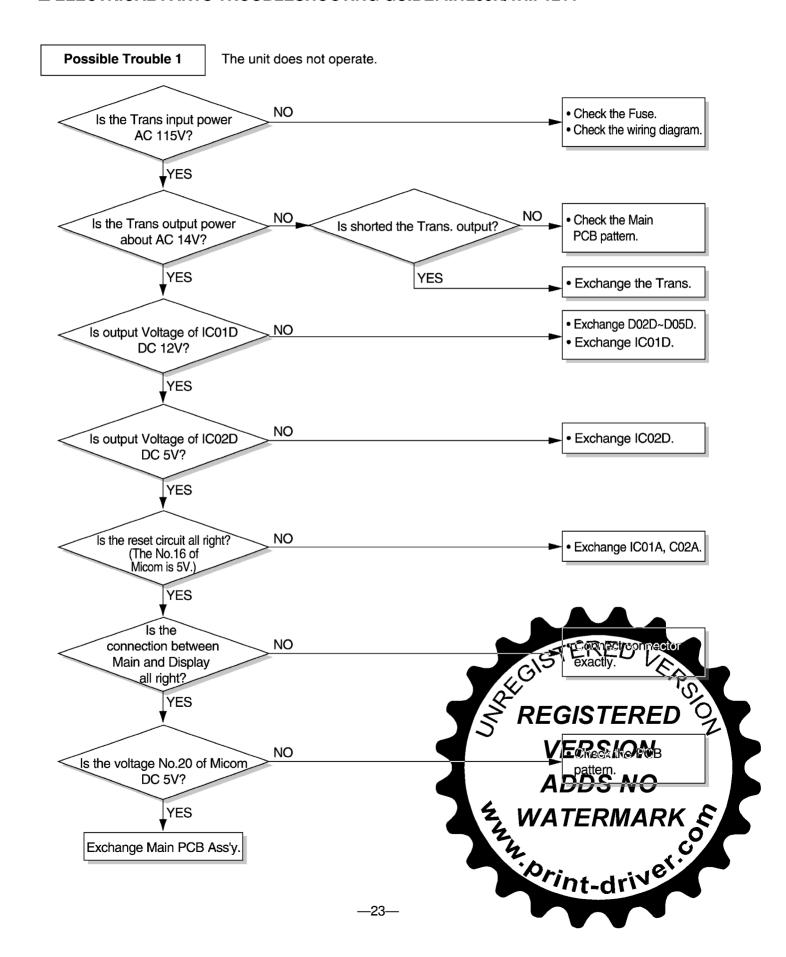
The one is called Starting Failure which is caused from an electrical defect, and the other is ineffective Air Conditioning caused by a defect in the refrigeration circuit and improper application.

Unit runs but poor cooling.



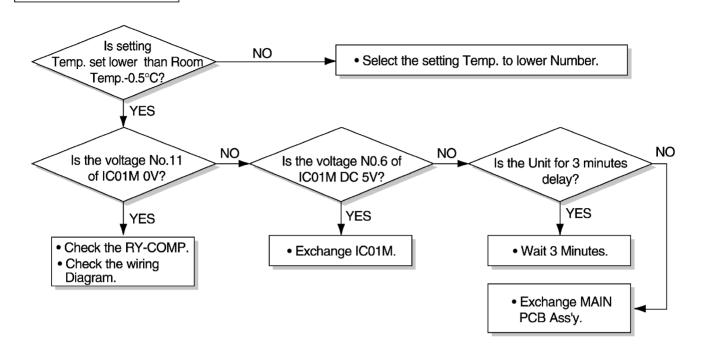


■ ELECTRICAL PARTS TROUBLESHOOTING GUIDE: M1203R/WM-1211



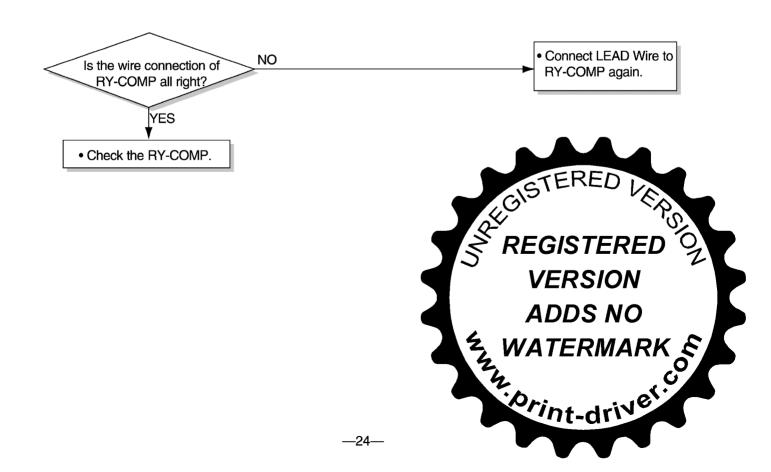
Possible Trouble 2

The compressor does not operate.

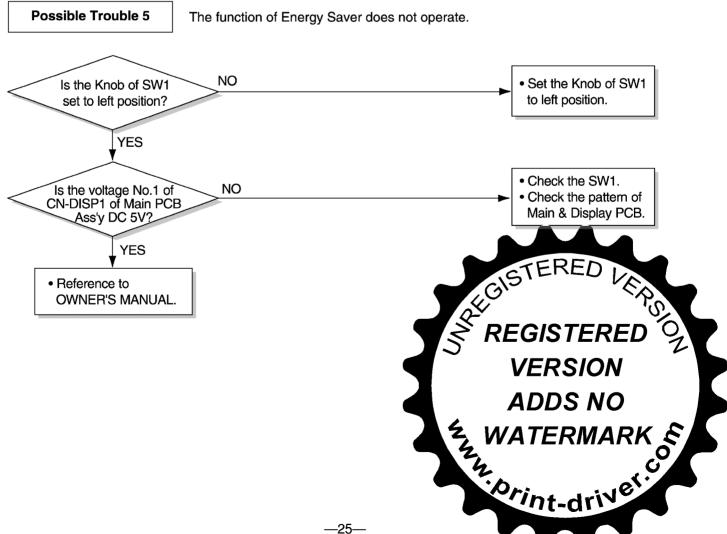


Possible Trouble 3

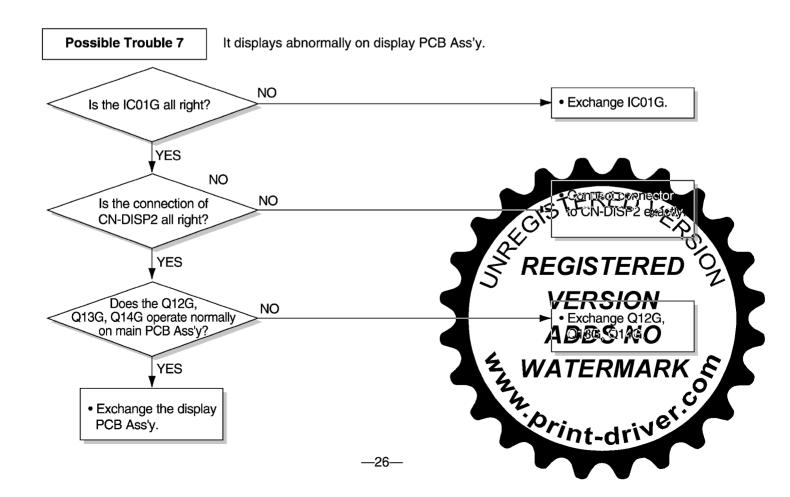
The compressor always operate.



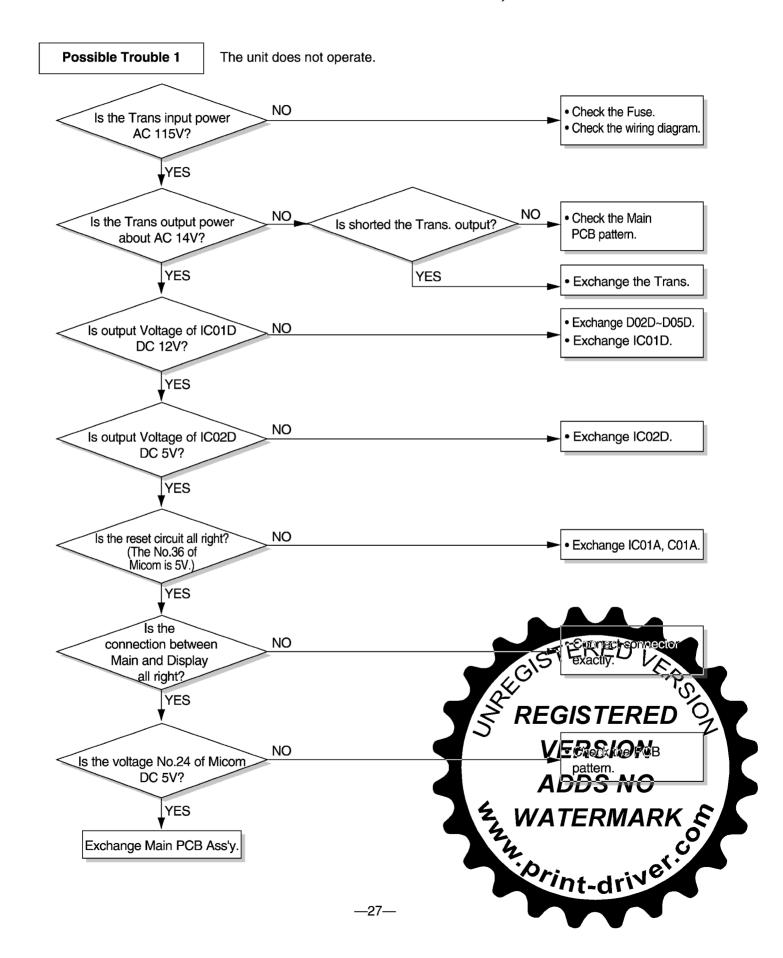
Possible Trouble 4 FAN does not operate. NO Is the voltage NO.2 or 3 or $\overrightarrow{4}$ • Exchange IC01M. of IC01M DC 5V? YES NO Is the voltage NO.13 or 14 or 15 • Exchange IC01M. of IC01M 0V? YES • Check the RY-Hi or RY-Med or RY-Lo. · Check the wiring diagram.



Possible Trouble 6 Remote controller does not operate. NO Is the voltage of Battery · Exchange the battery. about over 2.3V? YES Is the voltage No.10 NO Check the PCB pattern. of CN-DISP2 on Main PCB Ass'y DC 5V? YES Connect connector to NO Is the connection of CN-DISP2 exactly. CN-DISP2 all right? YES Exchange Receiver Ass'y.

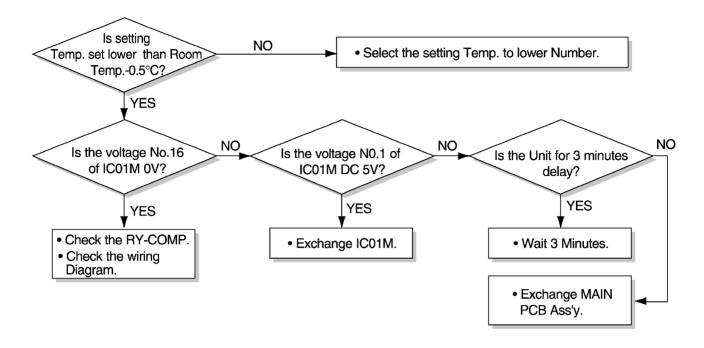


■ ELECTRICAL PARTS TROUBLESHOOTING GUIDE: M1003L, M1203L



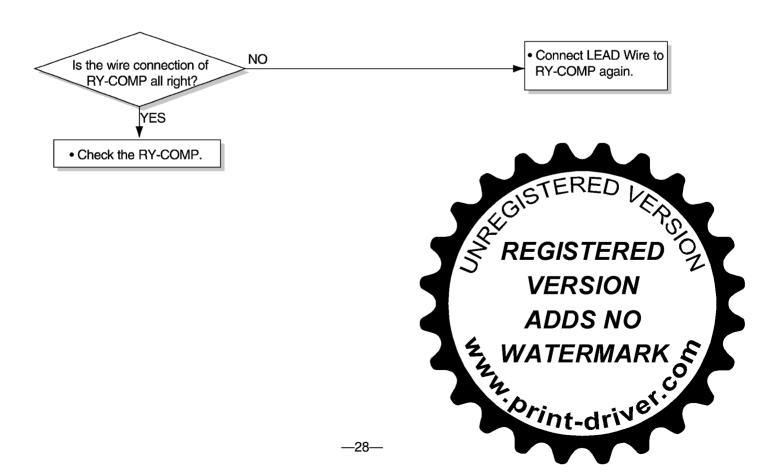
Possible Trouble 2

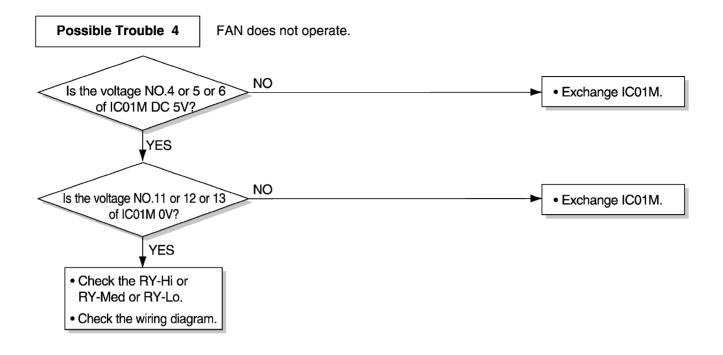
The compressor does not operate.

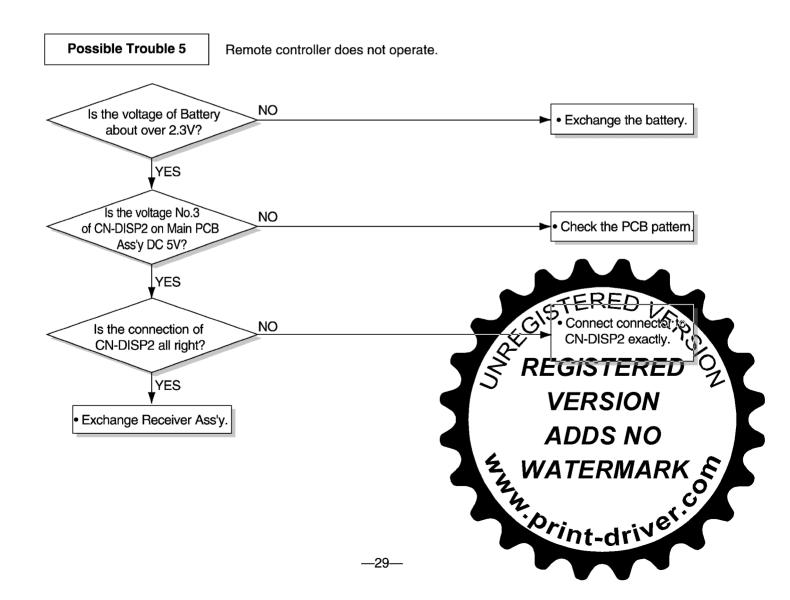


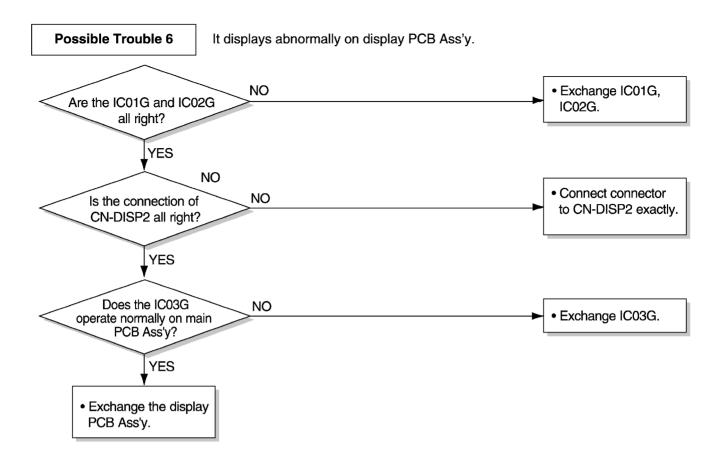
Possible Trouble 3

The compressor always operate.











	CAUSE	REMEDY
Fan motor will not run.	No power	Check voltage at outlet. Correct if none.
	Power supply cord	Check voltage to rotary switch. If none, check power supply cord. Replace cord if circuit is open.
	Rotary switch	Check switch continuity. Refer to wiring diagram for terminal identification. Replace switch if defective.
	Wire disconnected or connection loose	Connect wire. Refer to wiring diagram for terminal identification. Repair or replace loose terminal.
	Capacitor (Discharge capacitor before testing.)	Test capacitor. Replace if not within ±10% of manufacturer's rating. Replace if shorted, open, or damaged.
	Will not rotate	Fan blade hitting shroud or blower wheel hitting scroll. Realign assembly.
		Units using slinger ring for condenser fan must have 1/4 to 5/16 inch clearance to the base. If it hits the base, shim up the bottom of the fan motor with mounting screw(s).
		Check fan motor bearings; if motor shaft will not rotate, replace the motor.
an motor runs	Revolves on overload.	Check voltage. If not within limits, call an electrician.
,,		Test capacitor. Check bearings. Does the fan blade rotate freely? If not, replace fan motor.
		Pay attention to any change from high speed to low speed. If the speed does not change, replace the motor.
Fan motor noise.	Fan	If cracked, out of balance, or partially missing, replace it.
	Blower	If cracked, out of balance, or partially missing, replace it.
	Loose clamper	Tighten it.
	Worn bearings	If knocking sounds continue when runting or loose, replace the motor. If the motor runting or noise appears to be internal walk transfer to lace motor.
ompressor will not run, ut fan motor runs.	Voltage	Check voltage. If not within limits call an electrician.
	Wiring	Check the wire connections if hose recall or replace the technical. If wires are off, refer to wiring diagram for identification and replace. Wheck wire locations. If not per wiring diagram, correct.
	Rotary	Check for continuity, refer to the wind obegram for terminal identification. Replace the switch if circuit is open.

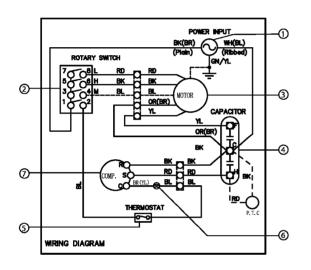
COMPLAINT	CAUSE	REMEDY
Compressor will not run, out fan motor runs.	Thermostat	Check the position of knob If not at the coldest setting, advance the knob to this setting and restart unit. Check continuity of the thermostat. Replace thermostat if circuit is open.
	Capacitor (Discharge capacitor before servicing.)	Check the capacitor. Replace if not within ±10% of manufacturers rating. Replace if shorted, open, or damaged.
	Compressor	Check the compressor for open circuit or ground. If open or grounded, replace the compressor.
	Overload	Check the compressor overload, if externally mounted. Replace if open. (If the compressor temperature is high, remove the overload, cool it, and retest.)
Compressor cycles on overload.	Voltage	Check the voltage. If not within limits, call an electrician.
	Overload	Check overload, if externally mounted. Replace if open. (If the compressor temperature is high, remove the overload, cool, and retest.)
ompressor cycles on verload.	Fan motor	If not running, determine the cause. Replace if required.
	Condenser air flow restriction	Remove the cabinet. inspect the interior surface of the condenser; if restricted, clean carefully with a vacuum cleaner (do not damage fins) or brush. Clean the interior base before reassembling.
	Condenser fins (damaged)	If condenser fins are closed over a large area on the coil surface, head pressures will increase, causing the compressor to overload. Straighten the fins or replace the coil.
ompressor cycles on	Capacitor	Test capacitor.
erload.	Wiring	Check the terminals. If loose, repair or replace.
	Refrigerating system	Check the system for a restriction.
ufficient cooling or	Air filter	If restricted, clean of replace
iting	Exhaust damper door	Close if open.
	Unit undersized	Determine if the withis properly sized for the area to be cooled.
cessive noise	Blower or fan	Check the set screw or slamp. Wileose or wiseing, correct. If the blower or fan is hitting air guide, rearrange the air handling panis.
	Copper tubing	Remove the cabinet carefully and caarairge tubing not to contact cabinet, compressor, shroud, and barrier.

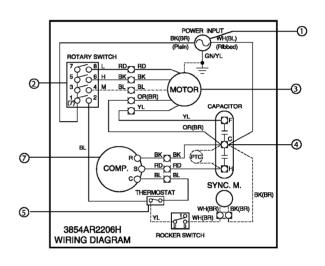
5. SCHEMATIC DIAGRAM

5.1 CIRCUIT DIAGRAM

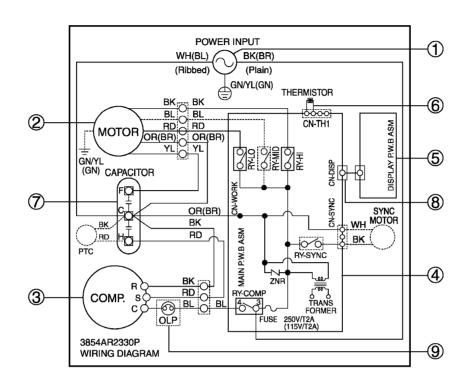
MODEL: W081CA.sg2

W091CA.TSG0 W092CA.TSG0 W121CA.TSC2 W122CA.TSC0 MODEL: W182CA.TSN0 W242CA.TSN0





		S: Service Parts N: Non-Service Parts
LOCATION NO.	DESCRIPTION	CTT CARE MARKS
1	POWER CORD	RESISTERED OF
2	ROTARY SWITCH	
3	FAN MOTOR	1 VEERSION
4	CAPACITOR	1 ASDIDS NO
5	THERMOSTAT	
6	OVERLOAD PROTECTOR	TERMARK &
7	COMPRESSOR	1 2 S
		iorint-drives.

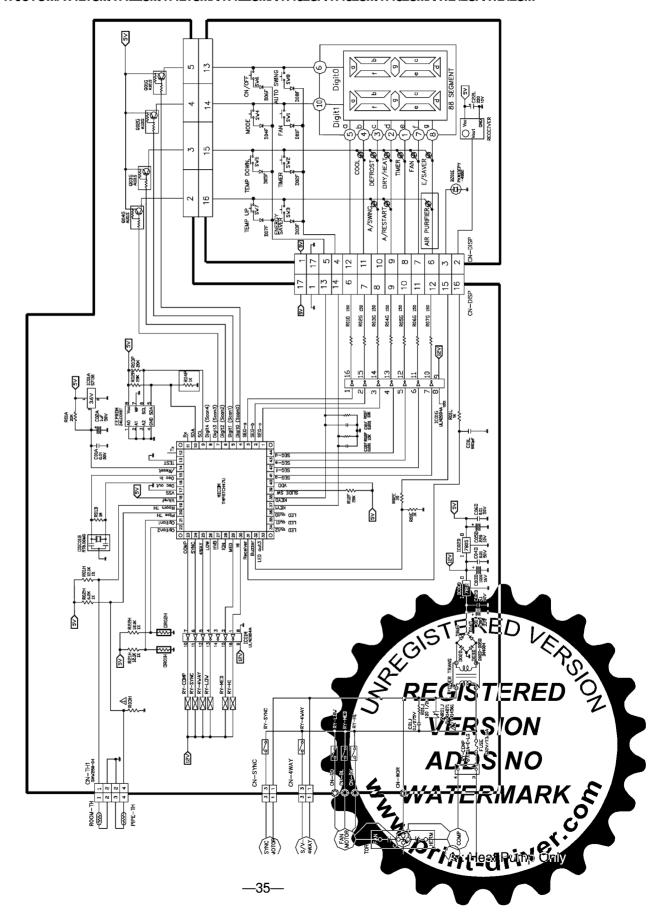


S: Service Parts
N: Non Service Parts

LOCATION NO.	DESCRIPTION	Q'TY PER SET	RE- MARKS		
1	POWER CORD ASSY	1	S		
2	MOTOR ASSY	1	S		
3	COMPRESSOR	1	S		
4	MAIN P.W.B ASSY	1	S		
5	DISPLAY P.W.B ASSY	1	CSTE	REDI	EPSON DO
6	THERMISTOR		<u> अङ</u>		
7	CAPACITOR	10-	S		C.
8	CONNECTOR ASSY		REGI.	STERE	D^{\prime}
9	OVERLOAD PROTECTOR		\\$E	RSION	
		Z WAY	AD	DS NO ERMAI	

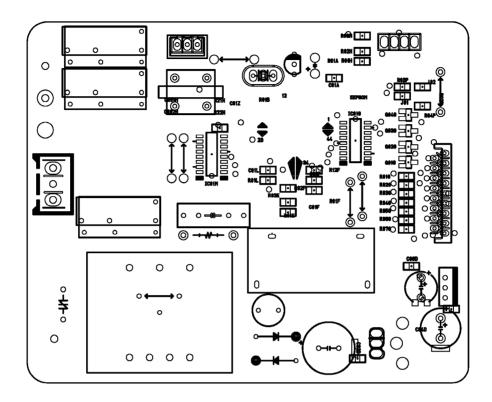
5.2 ELECTRONIC CONTROL DEVICE

■ MODEL: W081CM/W121CMW122CMW121CMHW122CMHW182CAW182CMW182CMHW242CAW242CM

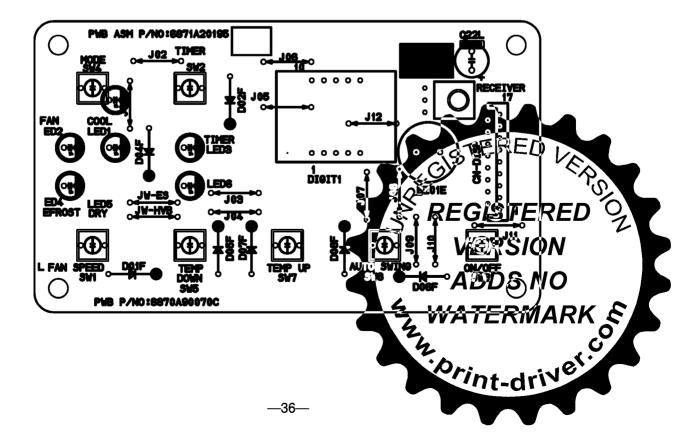


5.3 COMPONENTS LOCATION

■ MODEL: W081CM/W121CMW122CMW121CMHW122CMH(Main PCB)

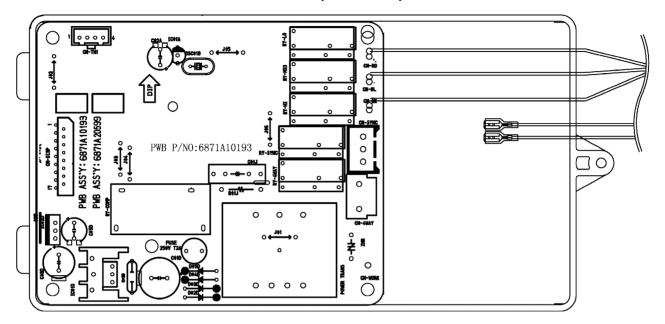


■ MODEL: W081CM/W121CMW122CMW121CMH/W122CMH(Display PCB)

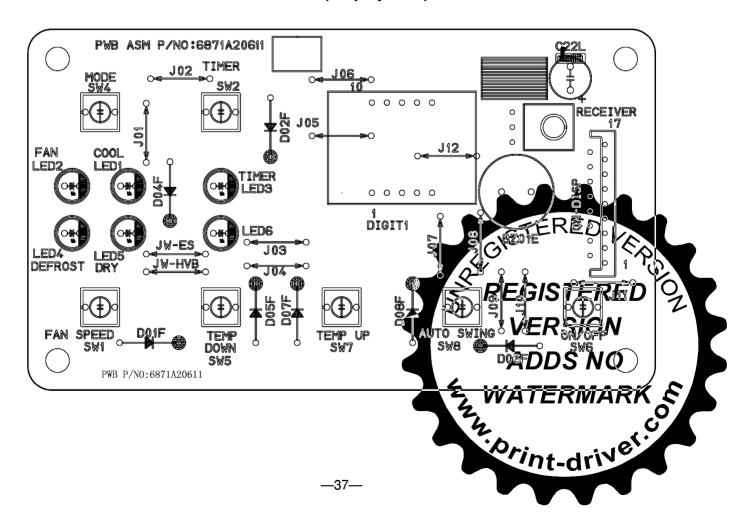


Components Location

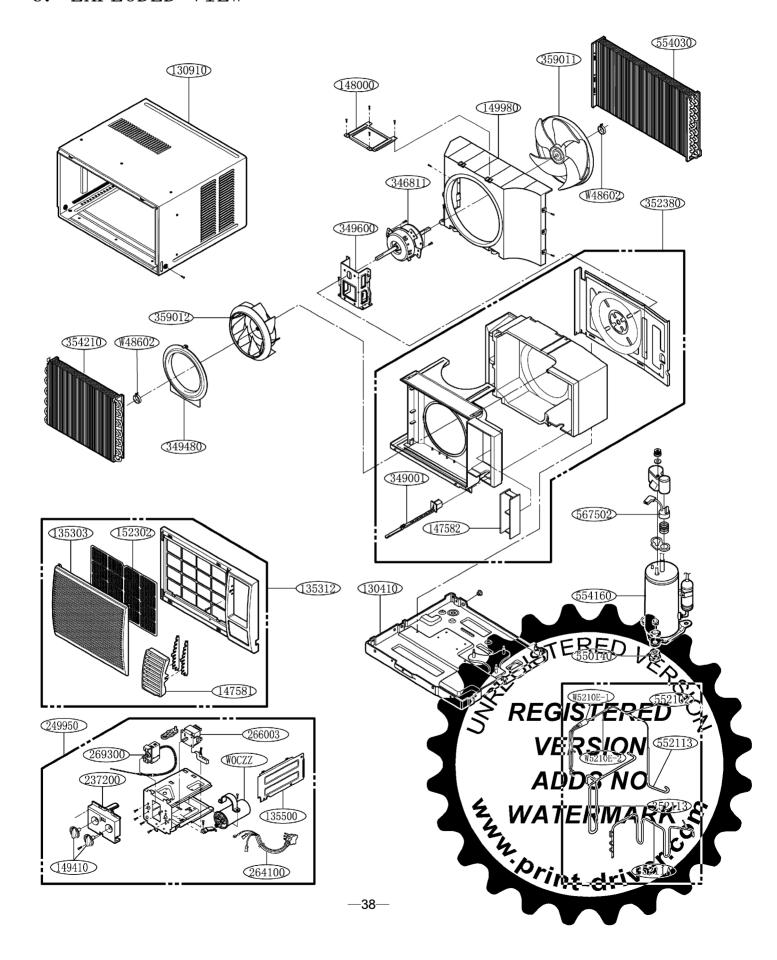
■ MODEL: W182CM/W182CMH/W242CM(Main PCB)



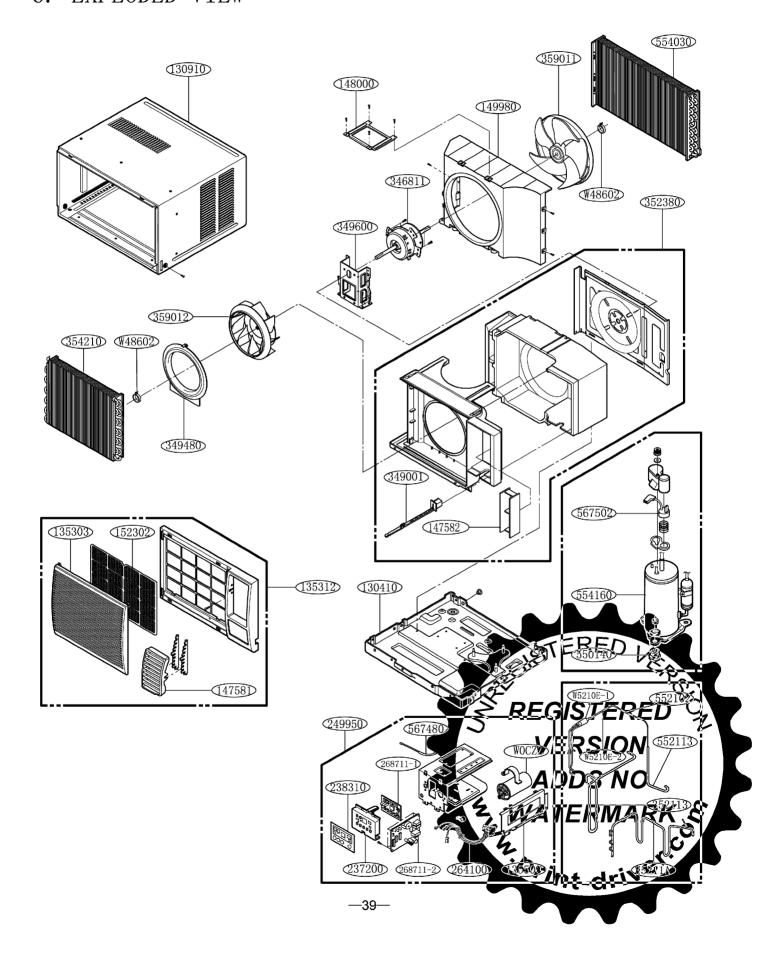
■ MODEL: W182CM/W182CMH/W242CM(Display PCB)



6. EXPLODED VIEW



6. EXPLODED VIEW



7. REPLACEMENT PARTS LIST

R: Service Parts N: Non Service Parts

DESCRIPTION V08TCA V02TOM sc2 V02TOM sc3 v02TOM sc	LODATI ON	PT 21	1	PART NO. 2005)		
130910 CABINET ASSEMELY, SINGLE 3091A28001A 3091A20029D R 135312 CHILLE ASSEMELY, INCLE 3391A20034N 3531A21008B 3531A21008B R 135303 COLER CONIFICI (INJUD) 3550A30036B 3550A47032A R 135500 COLER CONIFICI (INJUD) 3550A30036B 3550A47032A R 135500 COLER CONIFICI (INJUD) 3521A20037A 3720A10003A R 147581 COLMER CHILD (INJUD) 3721A20037A 3720A10003A R 147581 COLMER CHILD (INJUD) 4758A20002A 4758A20051A R 147581 COLMER CHILD (INJUD) 4758A20003A 4758A20051A R 147582 COLMER CHILD (INJUD) 4990A30001A 4800A30001A R 149800 BPACE 4800A30001A 4800A30001A R 149900 BPACE 4800A30001A 4800A30001A R 149900 SPECID 4999A3001D A 4999A30001A 4999A30001A R 149900 SPECID 4999A30001A 4999A30001A 4999A30001A R 149900 SPECID 4999A30001A 4999A30001A 4999A30001A R 149900 SPECID 4999A30001A 4999A300001A 4999A30001A R 149900 SPECID 4999A30001A 4999A300001A 4999A300001A R 149900 SPECID 4999A30001A 4999A300001A 4999A300001A R 149900 SPECID SPECID 4999A30001A 4999A300001A R 149900 SPECID SPECID SPECID 4999A300001A 4999A300001A R 14990A30001A 4999A300001A R 14990A300001A 4999A300001A R 14990A300001A 4999A300001A R 14990A300001A 4999A300001A R 14990A300001A 4999A300000A R 14990A30000A 4999A30000A R 14990A3000A 4999A30000A R 14990A3000A 4990A3000A R 14990A3000A 4990A3000A R 14990A300A 4990A3000A R 14990A300A 4990A3000A R 14990A300A R 14990A300A 14990A300A3 R 14990A300A 14990A300A3 R 1499		DESCRIPTION	V081CA	W1210 M sc2	W121CM H sc3	HEWAHK
135312 CHILLE ASSEMELY, HONT(SINCLE) 3531A20034N 3531A21008F R 135303 CHILLE ASSEMELY, INLET 3530A10027A 3530A10082A R 135500 COMPT (CNIPCU) 100D1 3550A30036B 3550A7002A R 237200 PANEL ASSEMELY, CONIPCL 3721A20037A 3720A10003A R 147582 LOJMER HORI ZONIAL 4758A20002A 4758A2005TA R 147582 LOJMER HORI ZONIAL 4758A20002A 4758A2005TA R 147582 LOJMER VERIT CAL 4758A2000BA 4758A2005TA R 148000 BPACE 4800A3000TA 4800A3000TA R 4800A3000TA 4800A3000TA R 149980 SSY 4941A300TTA R 4998A1001PA 4998A1002DA 4998AP1496A R 152302 H LITE(MECH), A C 5231AP800TB 5231AP1152A R 152302 H LITEM SICH ASSEMELY 5231AP800TB 5231AP1152A R 5231CEUN CAL 4995A2038A 4995A2036A R 1795A2000TB 1795A200TB 1795A200	1		3041A30011D			R
135903			3091A28001A	3091A	20029D	R
135500			3531A20034N			
237200 PANEL ASSEMELY, CONIFIC. 3721A20037A 3720A10003A R 147581 LOUMER HUH ZONIAL 4758A20002A 4758A20051A R 147582 LOUMER HUH ZONIAL 4758A20002A 4758A2703BA R 148000 BFACE 4800A30001A 4800A10001A R 148000 BFACE 4800A30001A 4800A10001A R 149910 RNDB ASSY 4941A30011A 998A10020A 4998A7439BA R 149980 SHOLD 4998A10019A 4998A70020A 4998A7439BA R 152302 FILTIER, MOH, A'C 5231AP001B 5231AR1152A R 152302 FILTIER, MOH, A'C 5231AP001B 5231AR1152A R 283310 E30JICHEON 4995A2023BA 4995A30014C R 6323A20003S R 264100 POWER COLD ASSEMELY 2H00677P 2H00677S R 6323A20003S R 264100 POWER COLD ASSEMELY 2H00677P 2H00677S R 266003 SWITCH FORTALL RASSEMELY 2H00598E R 6711A20056L R 268711-1 PWE/PCB ASSEMELY, MAIN 6871A20611F R 268711-1 PWE/PCB ASSEMELY, MAIN 6871A10193B R 2490A100193B R 2490A			3530A10027A	3530A	10182A	
147581	135500	COMER, CONTROL(TNDCOR)	3550A30036B	3550A	R7032A	R
147582			3721A20037A	3720A	10003A	
148000	147581	LOWER, HORIZONIAL	4758A20002A	4758A	20051A	
149410 RVB ASSY	1	LOUVER, VERTI CAL				
149980 SHOLD	1	- 	4800A30001A	4800A	10001A	
152302	149410	KNOB ASSY		-	-	R
238310 SQUICHEON - 38311A20155C R			4998A10019A	4998A10020A	4998AR1496A	
249950 CONIFICE BOX ASSEMBLY, SINGLE 4995A20238A 4995A30014C R 567480 THEFM STOR ASSEMBLY 2F00677P 2F00677S R 266003 SWITCH FOLARY 2F00598E R 267110 FEMORE CONIFICILIFIA ASSEMBLY 2F00598E R 267110 FEMORE CONIFICILIFIA ASSEMBLY 2F00598E R 267110 FEMORE CONIFICILIFIA ASSEMBLY 2F00598E R 268711-1 PWE/PCB) ASSEMBLY, DI SPLAY 6871A20611F R 268711-2 PWE/PCB) ASSEMBLY, DI SPLAY 6871A20611F R 268711-2 PWE/PCB) ASSEMBLY, DI SPLAY 6871A10193B R 269310 THEFMOSTAT ASSEMBLY 2F01109L R 349631 MOTOR ASSEMBLY, SINGLE 4681A20073Z 4681A20073B R 349480 CM FI CE 4948A30007B 4948A30007B 4948A30005B R 349480 CM FI CE 4948A30007B 4948A30005B R 349600 MUNI, MOTOR 4960A20014A 4960A20005A R 352113 TUBE ASSEMBLY, DI SOFARCE SINGLE 5211A20768D 5211A20644A 5211AP2930A R 352113 TUBE ASSEMBLY, DI SOFARCE SINGLE 5211A20661M 5421AP2910D 5421AP2912H R 359012 FAN TUREO 5900A10008A 5900A20030A R 550140 TSOLATOR ASSEMBLY, FI FISI 5421A20661M 5421AP2910D 5421AP2912H R 359012 FAN TUREO 5900A10008A 5900A20030A R 552102 TUBE, CAPITULARY BEND 5211A30260B 5211A30260W 5211A20598F R 552103 TUBE ASSEMBLY, FI FISI 5403A20092E 5403A20083G 5403AP18335A R 5500A20015B 5500A200	152302	FILTEP(MECH), A/C	5231AF9001B	5231A	R1152A	R
The color of the	1		-	38311/	A20155C	
264100 PCMPR CO-D ASSEMBLY 2F00677P ZF00677S R 266003 SWTOH ROTARY 2F00598E - R 267110 PENDTE CONIFICILER ASSEMBLY - 6711A20056L R 268711-1 PM2 (PCB) ASSEMBLY, DI SPLAY - 6871A20611F R 268711-2 PM2 (PCB) ASSEMBLY, MAIN N - 6871A10193B R 269310 THEHNOSTAL ASSEMBLY, MAIN N - 6871A10193B R 269310 THEHNOSTAL ASSEMBLY, SI NGLE 4681A20073Z 4681A20073B R 349801 DAMPER, VENITILATION 4901A30001A 4900AP7024B R 349800 OH H CE 4948A30007B 4948A10005B R 339900 MOINT, MOICR 4960A20014A 4960A2001A 4960A20005A R 352113 TUBE ASSEMBLY, DI SCHARCE SI NGLE 5211A20708D 5211A2064A 5211AP2930A R 352380 AI R GU DE ASSEMBLY 5229A30002S 5239AH523K R 354210 EVAROFATOR ASSEMBLY, FI FST 5421A20061M 5421AP2910D 5421AP2912H R 359012 FAN, TUHEO 5900A10008A 5900A20030A R 550140 I SOLATOR, COMP 5040AP819SA 4830AP833SA R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A2059BF R 554030 CONDENSER ASSEMBLY, H FST 5403A20083E 5210A2067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, H FST 5403A20083E 5403AP2921Q R 554030 CONDENSER ASSEMBLY, H FST 5403A20083E 5200CM18 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 35211A TUBE ASSEMBLY, SUCTI ON I NOCOR 5211A2003BD 5211A2063AA 5200CM18 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 35211A TUBE ASSEMBLY, SUCTI ON I NOCOR 5211A2003BD 5211A2063AA 5200CM18 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 35211A TUBE ASSEMBLY, SUCTI ON I NOCOR 5211A2003BD 5211A2063AA 5200CM18 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 35211A TUBE ASSEMBLY, SUCTI ON I NOCOR 5211A2003BD 5210AP303AA 5200CM18 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 35211A TUBE ASSEMBLY, SUCTI ON I NOCOR 5211A2003BD 5210AP303AB 5210AP303BB R 3500A1000PB R	249950	CONTROL BOX ASSEMBLY, SINGLE	4995A20238A	4995A	30014C	
266003 SWTCH FOTARY 2F00598E	567480	THERM STOR ASSEMBLY	-	6323A	20003S	R
267110	264100	POWER CORD ASSEMBLY	2H00677P	2H00	677S	R
268711-1	266003	SWITCH FOTARY	2H00598E	-	-	R
268711-2	267110	PEMOTE CONTROLLER ASSEMBLY	-	67 11A2	20056L	R
269310 THEMOSTAT ASSEMBLY 2H01109L			-	6871A	20611F	R
346811 MOTOR ASSEMBLY, SINGLE 4681A20073Z 4681A20073B R 349001 DAMPER VENITILATION 4901A30001A 4900AP7024B R 349480 OFFICE 4948A30007B 4948A10005B R 349600 MOUNT, MOTOR 4960A20014A 4960A20005A R 352113 TUBE ASSEMBLY, DI SOFARCE SI NGLE 5211A20708D 5211A20644A 5211AP2930A R 352380 AI R GUI DE ASSEMBLY 5239A30002S 5239AP1523K R 354210 EVAPOPATOR ASSEMBLY, FI PST 5421A20061M 5421AP2910D 5421AP2912H R 359012 FAN, TUFBO 5900A10008A 5900A20030A R 550140 TSOLATOR, COMP 5040AP4195A 4830AP43355A R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, FI PST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESOR 2520UCBA002 2520UCBA003 2520UCCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L P 6750U L048A 6750U L029A 6750U L037A R 35211A TUBE ASSEMBLY, SUCTION I NOOR 5211A20130M 5211A20543A 3213232B R W6210E-1 TUBE, EVAPOPATOR 5210A20105J 5210A203541E 5210AP4373B R W6210E-1 TUBE, EVAPOPATOR 5210A20105J 5210A203541E 5210AP4373B R			-	6871A	10193B	R
349001 DAMPER VENIT LATION 4901A30001A 4900AF7024B R 349480 OFFICE 4948A30007B 4948A10005B R 349600 MOUNT, MOTOR 4960A20014A 4960A20005A R 352113 TUBE ASSEMBLY, DI SCHARCE SI NGLE 5211A20708D 5211A20644A 5211AF2930A R 352380 AT R GUI DE ASSEMBLY 5239A30002S 5239AR1523K R 354210 EVAPOPATOR ASSEMBLY, FI RST 5421A20061M 5421AF2910D 5421AF2912H R 359012 FAN, TUPBO 5900A10008A 5900A20030A R 550140 I SOLATOR COMP 5040AF4195A 4830AF4335A R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AF7059A R 554030 CONDENSER ASSEMBLY, FI RST 5403A20092E 5403A20083G 5403AF2921Q R 554160 COMPESSOR 2520UCB4002 2520UCB4003 2520UCX118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U L048A 6750U L029A 6750U L037A R 35211A TUBE ASSEMBLY, SUCTION I NDOOR 5211A20130M 5211A20543A 5210A2057B R 35211A TUBE ASSEMBLY, SUCTION I NDOOR 5211A20130M 5211A20543A 5210A2057B R 35210A20057B TUBE, EVAPOPATOR 5210A20105J 5210A2057B F 5210AP4373B R 7600A20105J 5210A2057F 5210AF4373B R 7600A20105J 5210A2057F 5210AF4373B R 7600A20105J 5210A2057F 5210A44373B R 7600A20105J 5210A201	269310	THEHWOSTAT ASSEMBLY	2H01109L	-		R
349480	346811	MOTOR ASSEMBLY, SINGLE	4681A20073Z	4681A	20073B	R
349600 MOUNT, MOTOR 4960A20014A 4960A2005A R 352113 TUBE ASSEMBLY, DI SOHARCE SI NGLE 5211A20708D 5211A20644A 5211AP2930A R 352380 AI R GUI DE ASSEMBLY 5239A30002S 5239AR1523K R 354210 EVAPORATOR ASSEMBLY, FI RST 5421A20061M 5421AP2910D 5421AP2912H R 359012 FAN, TURBO 5900A10008A 5900A20030A R 550140 I SOLATOR, COMP 5040AP4195A 4830AP4335A R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, FI RST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPRESSOR 2520UCBA002 2520UCBK003 2520UCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U L048A 6750U L029A 6750U L067A R 35211A TUBE ASSEMBLY, SUCII ON I NOCOR 5211A20130M 5211A20543A 5201A-3226H R 35211A TUBE ASSEMBLY, SUCII ON I NOCOR 5211A20130M 5211A20543A 5201A-3226H R 35211A TUBE ASSEMBLY, SUCII ON I NOCOR 5211A20130M 5211A20543A 5201A-3226H R 35211A TUBE ASSEMBLY, SUCII ON I NOCOR 5211A20130M 5211A20543A 5201A-3226H R 35210A2010F D 3620010F B 36	349001	DAMPER, VENIT LATTON	4901A30001A	4900A	R7024B	R
352113 TUBE_ASSEMBLY, DISCHAPGE_SINGLE 5211A20708D 5211A20644A 5211AP2930A R 352380 AI R GUI DE_ASSEMBLY 5239A30002S 5239AR1523K R 354210 EVAPOPATOR ASSEMBLY, FI PST 5421A20061M 5421AP2910D 5421AP2912H R 359012 FAN, TUPEO 5900A10008A 5900A20030A R 550140 TSOLATOR, COMP 5040AP4195A 4830AP4335A R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE_ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, FI PST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESCR 2520UBA002 2520UBA003 2520UCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U L048A 6750U L029A 6750U L067A R 35211A TUBE_ASSEMBLY, SUCII ON I NDOOR 5211A20130M 5211A20646A 5			4948A30007B	4948A	10005B	
352380 AI R GUI DE ASSEMBLY 5239A30002S 5239A71523K R 354210 EVAPOPATOR ASSEMBLY, FI PST 5421A20061M 5421AP2910D 5421AP2912H R 359012 FAN, TUPBO 5900A10008A 5900A20030A R 550140 I SQLATOR COMP 5040AP4195A 4830AP4335A R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE ASSEMBLY, CONDENSER OUI 5211A10067G 5211A10067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, FI PST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPRESSOR 2520UCB4002 2520UCB4003 2520UCCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U L048A 6750U L029A 6750U L067A R 35211A TUBE ASSEMBLY, SUCTION I NOOR 5211A20130M 5211A20643A 5211			4960A20014A	4960A	20005A	R
354210 EVAPOPATOR ASSEMBLY, FI PST 5421A20061M 5421AP2910D 5421AP2912H R 359012 FAN, TUPBO 5900A10008A 5900A20030A R 550140 I SOLATOR COMP 5040AP4195A 4830AP4335A R 552102 TUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE ASSEMBLY, CONDENSER CUIT 5211A10067G 5211A10067E 5211AH7059A R 554030 CONDENSER ASSEMBLY, FI PST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESSOR 2520UDB4002 2520UDB4003 2520UDCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U-L048A 6750U-L029A 6750U-L037A R 35211A TUBE ASSEMBLY, SUCITION I NOCOR 5211A20130M 5211A20549A 5217A2037A R W622 CAPACITOR 0CZZA20005B 0CZZA20005B R W8602 CLAWP, SPH NG 3H02932B R W6210E-1 TUBE, EVAPOPATOR 5210AP4373B R W6210E-1 TUBE, EVAPOPATOR 5210AP4373B R	352113	TUBE ASSEMBLY, DISCHARGE SINGLE	5211A20708D	5211A20644A	5211AR2930A	R
359012	352 380	AFR GUIDE ASSEMBLY	5239A30002S	5239A	R1523K	R
550140 I SOLATOR, COMP 5040AF#195A 4830AF#335A R 552102 IUBE, CAPI LLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 IUBE ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, FI FST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESSOR 2520UDBA002 2520UDBA003 2520UDBA01 2520UDBA01 2520UDBA02 2520UDBA01 2520UDBA0	354210	EVAPORATOR ASSEMBLY, FI RST	5421A20061M	5421AP291 0D	5421AR2912H	R
552102 TUBE, CAPILLARY BEND 5211A30260B 5211A30260W 5211A20598F R 552113 TUBE ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AP7059A R 554030 CONDENSER ASSEMBLY, FIRST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESSOR 2520UDBA002 2520UDBA003 2520UDCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U L048A 6750U L029A 6750U L067A R 35211A TUBE ASSEMBLY, SUCITION I NOOR 5211A20130M 5211A20643A 52304 5230	359012	FAN, TURBO	5900A10008A	5900A	20030A	R
552113 TUBE ASSEMBLY, CONDENSER OUT 5211A10067G 5211A10067E 5211AH7059A R 554030 CONDENSER ASSEMBLY, FI PST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESSOR 2520UDBA002 2520UDBA003 2520UDCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L P 6750U L048A 6750U L029A 6750U L067A R 35211A TUBE ASSEMBLY, SUCII ON TINDOOR 5211A20130M 5211A20343A 5211A20	1	,	5040AP#195A			
554030 CONDENSER ASSEMBLY, FI RST 5403A20092E 5403A20083G 5403AP2921Q R 554160 COMPLESOR 2520UDBA002 2520UDBA003 2520UDK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U L048A 6750U L029A 6750U L067A R 35211A TUBE ASSEMBLY, SUCII ON I NOCOR 5211A20130M 5211A2034A 5211A2034A 5211A2034B W0CZZ CAPACI TOR 0CZZA20005B 0CZZA2303IN IX V68210E-1 TUBE, EVAPOPATOR 5210A20105J 5210A20105J 5210A20373B R	1		5211A30260B			
554160 COMPLESCOR 2520UCBA002 2520UCBK003 2520UCCK118 R 359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U-L048A 6750U-L029A 6750U-L067A R 35211A TUBE ASSEMBLY, SUCITION I NOOR 5211A20130M 5211A20646A 5211A2064	552113	TUBE ASSEMBLY, CONDENSER OUT	5211A10067G	5211A10067E	5211AR7059A	R
359011 FAN, AXI AL 5900A20015B 5900A10009B R 567502 O L. P 6750U-L048A 6750U-L029A 6750U-L029A	1	CONDENSER ASSEMBLY, FI FIST			-	
567502 O L. P	554160	COMPRESSOR		2520UBK003	2520UCCK118	R
35211A TUBE ASSEMBLY, SUCIT ON TINDOOR 5211A20130M 5211A20648/A 5210A20648/A 5210A20	1	l '	5900A20015B			
35211A TUBE ASSEMBLY, SUCITION I NOOR 5211A20130M 5211A20648/A 5271A32011 5210A20105B 002ZA33011 002ZA33021	1		6750U-L048A	6750U-L029A	6750U-L067A	
V0CZZ CAPACITOR 0CZZA20005B 0CZZA2001N IP V48602 CLAMP, SPH NG 3F02932B F2932B F2932B V6210E-1 TUBE, EVAPOPATOR 5210A20105J 5210A2035H 5210A2035H 5210A2035H 5230ARC038F F230ARC038F			5211A20130M	5211A20648A	32 TA 183261	
W#8602 CLAMP, SPH NG 3H02932B CE2932B R V#8210E-1 TUBE, EVAPORATOR 5210A20105J 5210A2035HE 5210A4373B R V#8210E-2 TUBE, EVAPORATOR 5210A2335HS -5230AR70SSR-VS R				0C/Z/A	\$\$\$0041\range	
V6210E-1 TUBE, EVAPOPATOR 5210A20105J 5210A205€1E 5210AP4373B R V6210E-2 TUBE, EVAPOPATOR 5210A2035∏,			3H02932B	,SFO2	932B	R ² /
V6210E-2 TUBE, EVAPORATOR (5270/2008)	1		5210A20105J	52 10 /428/3/5/1E	5210AP4373B	R
	V5210 E-2	TUBE, EVAPORATOR	1	521/0/203514	5210AR(099B-	DEF

NOTE) *Please ensure GCSC since these parts may be changed depending upon the buyer's request.

(GCSC WEBSITE http://biz.LGservice.com)

ADDS NO

WATERMARK &

Orint-drives

R: Service Parts N: Non Service Parts

LOCATION		PART NO	1 (2005)	
NO.	DESCRIPTION	W122CM. sc4		REMARK
130410	BASE ASSEMBLY, SINGLE		3041A20012N	R
130910	CABINET ASSEMBLY, SINGLE		20029D	R
135312	GRILLE ASSEMBLY, FRONT (SINGLE)		3531A21008F	R
135303	GRILLE ASSEMBLY, INLET		3530A10182A	R
135500	COVER, CONTROL (INDOOR)	 	R7032A	R
237200	PANEL ASSEMBLY, CONTROL	 	10003A	R
147581	LOUVER, HORIZONTAL		20051A	R
147582	LOUVER, VERTICAL		R7308A	R
148000	BRACE		10001A	R
149980	SHROUD	4998A10020A	4998A10004A	R
152302	FILTER (MECH), A/C	5231AI	R1152A	R
238310	ESCUTCHE0	3831A	20 155C	R
249950	CONTROL BOX ASSEMBLY, SINGLE	4995A30014D	4995A30014E	R
56748 0	THERMISTOR ASSEMBLY	6323A	20003S	R
264100	POWER CORD ASSEMBLY	2H00	677G	R
267110	REMOTE CONTROLLER ASSEMBLY	6711A2	20056L	R
268711-1	PWB (PCB) ASSEMBLY, DISPLAY	6871A	20611F	R
268711-2	PWB(PCB) ASSEMBLY, MAIN	6871A	10193C	R
346811	MOTOR ASSEMBLY, SINGLE	4681A20073D	4681A20174C	R
349001	DAMPER, VENTILATION	4900AI	R7024B	R
349480	ORIFICE	4948A	10005B	R
349600	MOUNT, MOTOR	4960A	20005A	R
352113	TUBE ASSEMBLY, DISCHARGE SINGLE	5211A20644 N	5211AR2930T	R
3523 8 0	AIR GUIDE ASSEMBLY	5239AI	R1523K	R
354210	EVAPORATOR ASSEMBLY, FIRST	5421AR2910D	5421AR2912H	R
359012	FAN, TURBO	5900A	20030A	R
550140	ISOLATOR, COMP	4830AI	R4335A	R
552102	TUBE, CAPILLARY BEND	5211A21448 G	5211A21448D	R
552113	TUBE ASSEMBLY, CONDENSER OUT	5211A10067E	5211AR7059A	R
554030	CONDENSER ASSEMBLY, FIRST	5403A20083E	5403A20042 T	R
554160	COMPRESSOR	252000	CBK016	R
3 590 11	FAN, AXIAL	5900A	100 <u>08</u> B	R
567502	0. L. P		L058A	R
35211A	TUBE ASSEMBLY, SUCTION INDOOR	5211A20643 <mark>A</mark>	521-1AR 1926H	D R
WOCZZ	CAPACITOR	6120AR2194C	(C)2ZA10002C	₽ [®]
W48602	CLAMP, SPRING	3402	\$32B	R
₩5210 E-1	TUBE, EVAPORATOR	521 0A203 535	5219AR4373B	
W5210E-2	TUBE, EVAPORATOR	5210 <u>A20</u> 357F	5210AR7090B	

NOTE) *Please ensure GCSC since these parts may be changed depending upon the buries (GCSC WEBSITE http://biz.LGservice.com)



LOCATION	DECCRIDATON			PART NO)(2006)			DEMYDA
NO.	DESCRIPTION	W091CA	W092CA		W122CA. TSC4	W122CA. SC1	TWC123CBAA1	REMARK
130410	BASE ASSY, SINGLE	3041A28001B	3041A30005P		3041A20012R		3041A20012N	R
130910	CABINET ASSY, SINGLE	3091A28001A	3091A28001C		3091A2	20029D		R
135312	GRILLE ASSY, FRONT (SINGLE)	3531A2	20034N		3531A21008B		3531A21008G	R
135303	GRILLE ASSY, INLET	3530A	10027A		3530A1	l0182A		R
135500	COVER, CONTROL (INDOOR)	3550A3	30036B		3550AF	R7032A		R
147581	LOUVER, HORIZONTAL	4758A2	20002A		4758A2	20051A		R
147582	LOUVER, VERTICAL	4758AS	30008A		4758AF	R7308A		R
148000	SUPPORTER	4800A3	30001A		4800A1	10001A		R
149410	KNOB ASSY	4941A3	30011A		4941AF	R3705K		R
149980	SHROUD	4998A10019A	4998A10010A		4998A10020A		4998A10004A	R
152302	FILTER, A/C	5231A2	20004A		5231AR1152A		5231AR1152P	R
237200	PANEL ASSY, CONTROL	3721A3	30009U		AGL32261802		3721A20045Q	R
249950	CONTROL BOX ASSY(SINGLE)	4995A20238Y	4995A20238Z	4995A21001P	4995A2	21001Q	4995A21001U	R
264100	POWER CORD ASSY	2H00677R	2H00677G	2H00677S		2H00677G		R
266003	SWITCH ROTARY			2H00	598E			R
269300	THERMOSTAT			2H01	109L			R
346811	MOTOR ASSY, SINGLE	4681A20027J	4681A20073V	4681A20073B	4681A2	20073D	4681A20174C	R
349001	DAMPER, VENTILATION	4901A3	30001A		4900AF	R7024B		R
349480	ORIFICE	4948A3	30007B		4948A1	L0005B		R
349600	MOUNT, MOTOR	4960A2	20014A		4960A2	20005A		R
352380	AIR GUIDE ASSY	5239A3	30002D		5239AF	R1523K		R
359011	FAN, AXIAL	5900A2	20015A		5900A1	L0009B		R
359012	FAN, TURBO	5900A	10008A		5900A2	20030A		R
354210	EVAPORATOR ASSY, FIRST	5421A2	20132B	5421AF	R2910D	5421A	R2912H	R
554030	CONDENSER ASSY, FIRST	5403A20092E	5403A20213C	5403A20083G	5403A2	20083E	5 403A28842T	R
352113	TUBE ASSY, DISCHARGE	5211A20708H	5211A21201A	5211A20644A	5211A 20644 N	5211/20641	52.1AR2930T	R
35211A	TUBE ASSY, SUCTION	5211A21736B	5211A20130P		206434	5 5211A	R2926H	
552102	TUBE CAPILLARY BEND	5210A00040D	5210A00040C	5211A30260W	5211421448G	5211A21448A	5211A21448D	$\mathcal{D}_{\mathbb{R}}$
552113	TUBE ASSY CONDENSER OUT	5211A10067G	5211AR7059A		52147100678	EGIST	E 2/FA/E0/9A	9
W5210E-1	TUBE EVAPORATOR	5211A20131L	5210A21847C	5 210 A2	0351É	VE [8]	R4373RJ	R
W5210E-2	TUBE EVAPORATOR	_	5210A21847D	5210A2	0351F			R
554160	COMPRESSOR	2520UCAK048	2520UCBK021	2520UCBK003		5210A 25200CBK018	NO	R
567502	0. L. P	6750UL031A	6750UL039A	6750UL029A	2 W		MARK	S
550140	ISOLATOR, COMP			4830AF	R4335A 4		•) A
W48602	CLAMP, SPRING				982B)ri	· · · e	R
WOCZZ	CAPACITOR	0CZZA20001N	6120AR2194A	0CZZA20001N	6120AF	VISALIT-C	0C2ZA10002C	R

Replacement Parts List

LOCATION NO.	DESCRIPTION	PART NO(2007)	REMARK
LOCATION NO.	DESCRIPTION	W121CM SC4	KEMAKK
130410	BASE ASSEMBLY,SINGLE	3041A20012R	R
130910	CABINET ASSEMBLY, SINGLE	3091A20029D	R
135312	GRILLE ASSEMBLY, FRONT (SINGLE)	3531A21008B	R
135303	GRILLE ASSEMBLY INLET	3530A10182A	R
237200	PANEL ASSEMBLY, CONTROL	3720A10003A	R
135500	COVER ASSEMBLY, CONTROL (SINGLE)	3550AR7032A	R
147582	LOUVER, VERTICAL	4758AR7308A	R
147581	LOUVER,HORIZONTAL	4758A20051A	R
148000	SUPPORTER	4800A10001A	R
149980	SHROUD	4998A10020A	R
249950	CONTROL BOX ASSEMBLY,SINGLE	4995A30014Q	R
152302	FILTER(MECH),A/C	5231AR1152A	R
238310	ESCUTCHEON	3831A20155C	R
264100	POWER CORD ASSEMBLY	2H00677S	R
567480	THERMISTOR ASSEMBLY	6323A20003S	R
267110	REMOTE CONTORLLERASSY	6711A20056L	R
268711-1	PWB(PCB)ASSY,DISPLAY	6871A20611F	R
268711-2	PWB(PCB)ASSY,MAIN	6871A10193B	R
349011	DAMPER, VENT	4900AR7024B	R
346811	MOTOR ASSENMLY,AC,SINGLE	4681A20073B	R
349480	ORIFICE	4948A10005B	R
349600	BRACKET,MOTOR	4960A20005A	R
352380	AIR GUIDE ASSEMBLY	5239AR1523K	R
359012	FANASSY,BLOWER	5900A20030A	R
359011	FAN ASSEMBLY, AXIAL	5900A10009B	R
354210	EVAPORATOR ASSEMBLY, FIRST	5421AR 2 910D	R
550140	Damper,Compressor	4830AR4335A	R
554030	CONDENSER ASSEMBLY, BENDING	54037420083GD	R
35211A	Tube Assembly, Suction	(\$211A20643C	EAR
55210•	Tube, Capillary Bending	5211A30260V	@ \
554160	COMPRESSOR	S Register	
567502	O.L.P	EAF36097202	R
352113	TUBE ASSEMBLY, DISCHARGE SINGLE	521 /A2 0843A O	R
552113	TUBE ASSEMBLY, CONDENSER (OUT)	5211A10067R	R
W48602	CLAMP,SPRING	3/A02362R) IV	R
W0CZZ	CAPACITOR		DVR S
W5210E-1	TUBE,EVAPORATOR	<u>52</u> 10A20351E	RO
W5210E-2	TUBE,EVAPORATOR	5220A20351F	T (B)
	_	Print driv	6.7

LOCATION	DESCRIPTION		PART N	IO(2006)		DEMARK
NO.	DESCRIPTION	W182CA	W242CA	W182CM	W242CM	REMARK
130410	BASE ASSEMBLY,SINGLE	3041A10008R	3041A10008V	3041A10008R	3041A10008V	R
130910	CABINET ASSEMBLY,SINGLE		3091AI	R6056N	•	R
135312	GRILLE ASSEMBLY,FRONT(SINGLE)		3531A	11002A		R
135313	GRILLE ASSEMBLY,INLET		3530A	10189A		R
135500	COVER,CONTROL(INDOOR)		3551A	30015A		R
137215	PANEL ASSEMBLY,CONTROL	3721A2	20058N	3720AI	R6163A	R
147581	VANE,HORIZONTAL		5990A2	20032A		R
147582	VANE,HORIZONTAL		5990A2	20032A		R
148000	BRACE		4800AI	R7271A		R
149410	KNOB ASSY		4941A 3	30001A		R
149980	SHROUD		4998A]	R1597B		R
152302	FILTER(MECH),A/C		5231AI	R6159A		R
238310	ESCUTCHEON	-	_	3831A	20032B	R
249950	CONTROL BOX ASSEMBLY,SINGLE	4995A20610P	4995A20610Q	4995A20613Q	4995A20613R	R
263230	THERMISTOR ASSEMBLY			6323A	20003D	R
264110	POWER CORD ASSEMBLY	2H00677Q	2H00677U	2H00677Q	2H00677U	R
266003	SWITCH ROTARY	2H00	598E			R
267110	REMOTE CONTROLLER ASSEMBLY	-	-	6711A	20056M	R
268712	PWB(PCB) ASSEMBLY,DISPLAY	-	-	6871A	20611C	R
268714	PWB(PCB) ASSEMBLY,MAIN	-	-	6871A	10193A	R
269310	THERMOSTAT ASSSEMBLY	2H01	109L		-	R
346811	MOTOR ASSEMBLY,SINGLE	4681A20081T	4681A20130E	4681A20081T	4681A20130E	R
349001	DAMPER, VENTILATION		4900AI	R7265A		R
349480	ORIFICE		4948 A 2	20016A		R
349600	MOUNT,MOTOR	4960AR1596A	4960A10006A	4960AR1596A	4960A10006A	R
352113	TUBE ASSEMBLY, DISCHARGE SINGL	5211A25040B	5211A21526J	5211A25040B	5211A21526J	R
352390	AIR GUIDE ASSEMBLY		5239A2	20001W		R
354210	EVAPORATOR ASSEMBLY,FIRST	5421A20248B	5421A20248F	5421A20248B	5421A20248F	R
359012	FAN,TURBO		5900A2	20027A		R
550140	ISOLATOR,COMP	4H00982C	4022U-L005A	4H00982C	4022U-L005A	R
552102	TUBE,CAPILLARY BEND	5210A24956H	5210A24956J	5210A24956H	5210A24956J	R
552113	TUBE ASSEMBLY, CONDENSER OUT	5211AR7059A	5211AR7059E	5211AR7059A	5211AR7059E	R
554030	CONDENSER ASSEMBLY,FRIST			20062L		R
554160	COMPRESSOR	2520UCBJ002	5416A20045B	2520UCBJ002	5416A20045B	_ R_
559010	FAN,AXIAL			R1508B	EKED I	R
35211A	TUBE ASSEMBLY, SUCTION INDOOR	5211A10247P		521(1kg) 0247P	5211A10094P	
W0CZZ	CAPACITOR	6120AR2194F	0CZZA20001X	6 20 AR2194F	0CZZA20001X	53
W48602	CLAMP,SPRING		11 00	643C		LA ŘÁ
W52106-1	TUBE,EVAPORATOR	5210A21083B	5210A301448	52100210888	\$210A301445	D ROZ
W52106-2	TUBE,EVAPORATOR	5210A21083C	521 <u>08301</u> 44V		5210A30144V	R

NOTE) *Please ensure GCSC since these parts may be changed depending upon the buyer's request.

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LOCATION	DESCRIPTION	PART NO (2006)	DEMARK
NO.	DESCRIPTION	W182CMH TSN1	REMARK
130410	BASE ASSEMBLY,SINGLE	3041A10008X	R
130910	CABINET ASSEMBLY,SINGLE	3091AR6056N	R
135312	GRILLE ASSEMBLY,FRONT(SINGLE)	3531A11002A	R
135313	GRILLE ASSEMBLY,INLET	3530A10189A	R
135500	PWB(PCB) ASSEMBLY,DISPLAY	6871A20611C	R
147582	LOUVER,VERTICAL	4758AR6157A	R
147581-1	VANE,HORIZONTAL	5990A20032A	R
147582-2	VANE,HORIZONTAL	5990A20033A	R
148000	ESCUTCHEON	3831A20032B	R
148000	BRACE	4800AR7271A	R
149410	PWB(PCB) ASSEMBLY,MAIN	6871A10193A	R
149980	SHROUD	4998AR1597B	R
152302	FILTER(MECH),A/C	5231AR6159A	R
249950	CONTROL BOX ASSEMBLY,SINGLE	4995A20613W	R
264110	POWER CORD ASSEMBLY	2H00677Q	R
266003	REMOTE CONTROLLER ASSEMBLY	6711A20056M	R
269310	THERMISTOR ASSEMBLY	6323A20003D	R
346811	MOTOR ASSEMBLY,SINGLE	4681A20130F	R
349480	ORIFICE	4948A20016A	R
349600	AIR GUIDE ASSEMBLY	5239A20001W	R
359012	FAN,TURBO	5900A20027A	R
559010	FAN,AXIAL	5900AR1508B	R
354210	EVAPORATOR ASSEMBLY,FIRST	5421A20248E	R
554030	CONDENSER ASSEMBLY,FRIST	5403A20232C	R
35211A	TUBE ASSEMBLY, SUCTION SINGLE	5211A30250G	R
552111	TUBE,CAPILLARY BEND	5211A21444A	R
352115-1	TUBE,EVAPORATOR IN	5210A22224T	R
352115-2	TUBE,EVAPORATOR IN	5210A22224U	R
352115-3	TUBE,EVAPORATOR IN	5210A222 <u>2</u> 4W	
554160	COMPRESSOR	2520UCBJ013	R
550140	ISOLATOR,COMP	402 <mark>2A30008ATE</mark>	REDI
W48602	CLAMP,SPRING	3H924820	R
W0CZZ	CAPACITOR	2₩ 0 ∑451M	R

NOTE) *Please ensure GCSC since these parts may be changed dependent (GCSC WEBSITE http://biz.LGservice.com)

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Replacement Parts List

LOCATION NO.	DESCRIPTION	PART NO (2007) W242CM TSN2	REMARK
130410	BASE ASSEMBLY,SINGLE	3041A30001F	R
130910	CABINET ASSEMBLY, SINGLE	3091AR6056N	R
135312	GRILLE ASSEMBLY, FRONT (SINGLE)	3531A11002A	R
135313	GRILLE ASSEMBLY,INLET	3530A10189A	R
137215	PANEL ASSEMBLY, CONTROL	3720AR6163A	R
135500	COVER ASSEMBLY, CONTROL (SINGLE)	3551A30015A	R
147582	LOUVER, VERTICAL	4758AR6157A	R
147581-1	LOUVER,HORIZONTAL	5990A20032A	R
147581-2	LOUVER,HORIZONTAL	5990A20033A	R
148000	SUPPORTER	4800AR7271A	R
149410	KNOB ASSEMBLY	-	R
149980	SHROUD	4998AR1597B	R
152302	FILTER(MECH),A/C	5231AR6159A	R
238310	ESCUTCHEON	3831A20155D	R
264110	POWER CORD ASSEMBLY	2H00677U	R
263230	THERMISTOR ASSEMBLY(电子)	6323A20003S	R
266002	SWITCH ROCKER	-	R
266003	SWITCH ROTARY	-	R
269310	THERMOSTAT (机械)	-	R
267110	REMOTE CONTORLLERASSY	6711A20056M	R
268712	PWB(PCB)ASSY,DISPLAY	6871A20611C	R
268714	PWB(PCB)ASSY,MAIN	6871A10193A	R
349011	DAMPER, VENT	4900AR7265A	R
346811	MOTOR ASSENMLY,AC,SINGLE	4681A20081W	R
349480	ORIFICE	4948A20016A	R
349600	BRACKET,MOTOR	4960AR1596A	R
352390	AIR GUIDE ASSEMBLY	5239A20001W	R
359012	FANASSY,TURBO	5900A20027A	R
359012	FANASSY,BLOWER	-	_ R _
559010	FAN ASSEMBLY,AXIAL	5900AR1508B	R
354210	EVAPORATOR ASSEMBLY,FIRST	5421A 20 248F	R.E.
554031	CONDENSER ASSEMBLY, BENDING	5403A20062MC	TERE
554030	CONDENSER ASSEMBLY, FIRST	7.01	R
35211A	TUBE ASSEMBLY, SUNCTION	5211AA0894P	R
552116	TUBE ASSEMBLY, REVERSE		GISTE
552101	TUBE,CAPILLARY	3H02633C	R
554160	COMPRESSOR	5416A20045B	FRSI
146812	MOTOR ASSEMBLY,SYNC	2H01102J	R
352115	TUBE ASSEMBLY,CONDENSER(OUT)	5211AR7059E	DDS
552202	VALVE,REVERSE	7.	R
552204	VALVE, SOLENOID	AZ WA	TERN
561410	SOLENOID	72,	R
W48602	CLAMP,SPRING	3H02932C	R

Replacement Parts List

LOCATION	1		
NO.	DESCRIPTION	W242CA TSN2	REMARK
130410	BASE ASSEMBLY,SINGLE	3041A30001F	R
130910	CABINET ASSEMBLY,SINGLE	3091A20001F	R
135312	GRILLE ASSEMBLY, FRONT (SINGLE)	3531A11002A	R
135313	GRILLE ASSEMBLY,INLET	3530A10189A	R
137215	PANEL ASSEMBLY, CONTROL (机械)	3721A20058N	R
135500	COVER ASSEMBLY, CONTROL (SINGLE	3551A30015A	R
147582	LOUVER, VERTICAL	4758AR6157A	R
147581-1	LOUVER,HORIZONTAL	5990A20032A	R
147581-2	LOUVER,HORIZONTAL	5990A20033A	R
148000	SUPPORTER	4800AR7271A	R
149980	SHROUD	4998AR1597B	R
152302	FILTER(MECH),A/C	5231AR6159A	R
238310	ESCUTCHEON (电子)	-	R
264110	POWER CORD ASSEMBLY	3H01307D	R
269310	THERMOSTAT ASSEMBLY(机械)	2H01109L	
263230	THERMISTOR ASSEMBLY (电子)	-	R
267110	REMOTE CONTORLLERASSY(电子)	-	R
268712	PWB(PCB)ASSY,DISPLAY (电子)	-	R
268714	PWB(PCB)ASSY,MAIN(电子)	_	R
349011	DAMPER, VENT	4900AR7265A	R
346811	MOTOR ASSENMLY,AC,SINGLE	4681A20081K	R
349480	ORIFICE	4948A20016A	R
349600	BRACKET,MOTOR	4960AR1596A	R
352390	AIR GUIDE ASSEMBLY	5239A20001W	R
359012	FAN,TURBO	5900A20027A	R_
559010	FAN ASSEMBLY,AXIAL	5900AR1508B	R
354210	EVAPORATOR ASSEMBLY,FIRST	5421A202 <mark>48</mark> F	TER
554030	CONDENSER ASSEMBLY, BENDING	5403A 2 0232BC	S R
35211A	TUBE ASSEMBLY, SUNCTION	5211A1009AQ	R
552101	TUBE,CAPILLARY	5210A249\$6K	R R R R EGIS
554160	COMPRESSOR	5416A29914H	R
146812	MOTOR ASSEMBLY,SYNC	2H01102J	VER:
352115	TUBE ASSEMBLY, CONDENSER (OUT)	5211A10067L	ABD
552204	VALVE,SOLENOID	- ,	ADD.
W48602	CLAMP,SPRING	37102952C	ATE
W0CZZ	CAPACITOR		
W52106-1	TUBE,EVAPORATOR	0CZZA 2006 X 5210A 25049 H 5210A 25040 H	R
W52106-2	TUBE,EVAPORATOR	5210A25040D	CIA+

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